

SUBMIT IN DUPLICATE

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED
APR 14 1955

LOG AND CORE RECORD OF OIL OR GAS WELL

BAKERSFIELD, CALIFORNIA

Operator M. BARRATT-NEST W. BYSSIE, JR. Field Racetrack Hill

Well No. Cohn 42A-34 Sec. 34, T. 29S, R. 29E, H.D. B. & M.

FORMATIONS PENETRATED BY WELL

DEPTH TO		Thickness	Drilled or Cored	Recovery	DESCRIPTION
Top of Formation	Bottom of Formation				
<u>CORE DESCRIPTION</u>					
0	860		Drilled		See electrical log.
			<u>Core #1</u>	<u>860 to 885'</u>	<u>Rec. 6'</u>
860	866			6'	Clayey sand and sandstone - greenish gray, firm-hard, gritty, tight. Core blew from barrel. Upper part of recovery consists of 2" loose well washed coarse oil sand, tan fluorescence, medium amber cut.
866	885			0'	Missed 19'.
			<u>Core #2</u>	<u>885 to 910'</u>	<u>Rec. 15'</u>
885	895			10'	Claystone and clayey sand - greenish gray, firm, gritty.
895	896			1'	OIL SAND - greenish gray with brown oil staining throughout, fine-medium, sub-rounded, friable, fair permeability, dark brown amber cut, even yellow fluorescence.
896	898			2'	Clayey sand - as above, tight.
898	900			2'	OIL SAND - brown, fine-medium, sub-rounded, loose, good permeability, well saturated with live oil, dark amber cut, even yellow fluorescence.
900	910			0'	Missed 10'.
			<u>Core #3</u>	<u>910 to 935'</u>	<u>Rec. 24'</u>
910	916			6'	Sand - greenish gray, medium-fine, very clayey, firm, poor permeability, HOPSC.
916	917			1'	OIL SAND - as 895-96'.
917	931			14'	Claystone - brown, sandy, gritty.
931	934			3'	Clayey sand - as 885-95'.
934	935			0'	Missed 1'.
			<u>Core #4</u>	<u>935 to 960'</u>	<u>Rec. 1'</u>
935	936			1'	Claystone - greenish gray, coarse-sandy, gritty.
936	960			0'	Missed 24'.

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Operator M. BARRATT-ERNEST W. BYSSHE, JR. Field Racetrack Hill BAKERSFIELD, CALIFORNIA
Well No. Cohn 42A-34 Sec. 34, T. 29S, R. 29E, N.D. B. & M.

FORMATIONS PENETRATED BY WELL

DEPTH TO		Thickness	Drilled or Corred	Recovery	DESCRIPTION
Top of Formation	Bottom of Formation				
<u>CORE DESCRIPTION (CONTINUED)</u>					
			<u>Core #5</u>	<u>960 to 985'</u>	<u>Rec. 4'</u>
960	964		4'		Sand - greenish gray with mottled brown oil staining, fine-medium, sub-rounded, poor permeability, spotty saturation. May be wet if permeable.
964	985		0'		Missed 21'.
			<u>Core #6</u>	<u>985 to 1010'</u>	<u>Rec. 23'</u>
985	986		1'		Sand - greenish gray, fine-medium, gritty, friable, clayey, fair-poor permeability. May be wet.
986	999		13'		Clayey sand and sandy clay - greenish gray, firm, hard, tight, includes 1/2' OIL SAND on bottom.
999	1001		2'		Claystone - brown, sandy, gritty.
1001	1002		1'		Clayey sand - as above.
1002	1005		3'		OIL SAND - brown, fine-medium, friable, fair sorting, somewhat clayey, fair permeability, well saturated, free oil bleeding from sample, dark amber cut.
1005	1007		2'		Sandy claystone - as above.
1007	1008		1'		OIL SAND - as last above.
1008	1010		0'		Missed 2'.
			<u>Core #7</u>	<u>1010 to 1035'</u>	<u>Rec. 15'</u>
1010	1011		1'		OIL SAND - as above, bleeds free oil, looks good.
1011	1020		9'		Claystone - medium brown, sandy, gritty.
1020	1022		2'		Sand - greenish gray, fine-medium, friable, clayey, fair-poor permeability. May be wet.
1022	1025		3'		Claystone - as last above.
1025	1035		0'		Missed 10'.
			<u>Core #8</u>	<u>1035 to 1060'</u>	<u>Rec. 10'</u>
1035	1045		10'		Sandy claystone and clayey sand - fine-medium, gritty, greenish gray, MORS.
1045	1060		0'		Missed 15'.

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LOG AND CORE RECORD OF OIL OR GAS WELLSFIELD, CALIFORNIA

Operator H. BARRATT-EUGENE W. BYSSHE, JR. Field Racetrack Hill

Well No. Cohn 42A-34 Sec. 34, T. 29S, R. 29E, H.D. B. & M.

FORMATIONS PENETRATED BY WELL

DEPTH TO		Thickness	Drilled or Cored	Recovery	DESCRIPTION
Top of Formation	Bottom of Formation				
<u>CORE DESCRIPTION (CONTINUED)</u>					
<u>Core #9</u> 1060 to 1085' Rec. 25'					
1060	1085			25'	Claystone - gray green and brown, sandy, gritty, ashy.
<u>Core #10</u> 1085 to 1110' Rec. 23'					
1085	1098			13'	Sandy claystone and clayey sand - as above with rare 2" streak OIL SAND.
1098	1106			8'	OIL SAND AND OIL STAINED SAND - brown with greenish gray clay streaks, fine-medium, scattered coarse, gritty, friable to loose, generally fair permeability, poorer permeability in clayey portions, even yellow fluorescence, dark amber cut, well saturated with live oil in permeable portions.
1106	1108			2'	Sandy claystone - green.
1108	1110			0'	Missed 2'.
<u>Core #11</u> 1110 to 1135' Rec. 17'					
1110	1124			14'	Sandy claystone and clayey sand - as above, includes 6" streak oil stained sand at 1119'.
1124	1126			2'	OIL SAND - brown with green-gray clayey streaks, fine, soft, fair permeability, dark brown cut, looks okay in permeable portions.
1126	1127			1'	Claystone - greenish gray, ashy.
1127	1135			0'	Missed 8'.
<u>Core #12</u> 1135 to 1160' Rec. 10'					
1135	1145			10'	Claystone - greenish gray, sandy, gritty, ashy.
1145	1160			0'	Missed 15'.
<u>Core #13</u> 1160 to 1185' Rec. 25'					
1160	1167			7'	Claystone - greenish gray, sandy.
1167	1175			8'	Claystone - tan, massive, waxy, crumbly.
1175	1185			10'	Claystone - greenish gray, as above.

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LOG AND CORE RECORD OF OIL OR GAS WELL

Operator K. BARRATT-ERNEST W. BYSSHE, JR. Field Racetrack Hill BASESFIELD, CALIFORNIA
Well No. Cohn 424-34 Sec. 34, T. 29S, R. 29E, M.D. B. & M.

FORMATIONS PENETRATED BY WELL

DEPTH TO		Thickness	Drilled or Cored	Recovery	DESCRIPTION
Top of Formation	Bottom of Formation				
<u>CORE DESCRIPTION (CONTINUED)</u>					
			<u>Core #14</u>	<u>1185 to 1210'</u>	<u>Rec. 14'</u>
<u>1185</u>	<u>1187</u>			<u>2'</u>	<u>Claystone - as above.</u>
<u>1187</u>	<u>1196</u>			<u>8'</u>	<u>Sand - greenish gray, medium-fine, friable, good permeability, scattered streaks oil stained, includes 1' well saturated at 1195 W.T.</u>
<u>1196</u>	<u>1200</u>			<u>4'</u>	<u>Sand - black, fine-medium, firm, tight, interstices filled with gilsonite type material.</u>
<u>1200</u>	<u>1210</u>			<u>0'</u>	<u>Missed 10'.</u>
			<u>Core #15</u>	<u>1210 to 1222'</u>	<u>Rec. 1/2'</u>
<u>1210</u>	<u>1210-1/2</u>			<u>1/2'</u>	<u>Cobbles and green-gray sand.</u>
<u>1210-1/2</u>	<u>1222</u>			<u>0'</u>	<u>Missed 11-1/2'.</u>
<u>1222</u>	<u>4720</u>		<u>Drilled</u>		<u>See electrical log.</u> <u>Described by R. A. Ganong</u>

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LOG AND CORE RECORD OF OIL OR GAS WELLS, BAKERSFIELD, CALIFORNIA

Operator M. BARRETT-ERNEST W. DYSSHE, JR. Field Racetrack Hill

Well No. Cohn 42A-34 Sec. 34, T. 293, R. 29E, N.D. B. & M.

FORMATIONS PENETRATED BY WELL

DEPTH TO		Thickness	Drilled or Cored	Recovery	DESCRIPTION
Top of Formation	Bottom of Formation				
SCHLUMBERGER SIDEWALL SAMPLES					
	<u>Depth</u>				
	4713'			1"	Sand - as 4682'.
	4691'			1-1/2"	Sand - as 4682'.
	4682'			1-1/2"	Sand - gray, fine, angular, firm, silty, low permeability, NOFSC.
	4671'			1"	OIL SAND - tan, fine, soft, silty, low permeability, even canary yellow fluorescence, pale straw cut.
	4660'			1"	Sand - gray, fine, very silty, tight, firm, NOFSC.
	4658'			1"	OIL SAND - as 4654'.
	4656'			1-1/2"	OIL SAND - as 4654'.
	4654'			1-1/2"	OIL SAND - tan, fine, angular, friable, good permeability, even yellow fluorescence, sharp gasoline odor, medium straw CCl_4 cut.
	4653'				No recovery.
	4652'			1"	Sand - brown, fine, very silty, hard, tight, NOFSC.
	4649'			1"	OIL SAND - tanish gray, as above, silty, low permeability, sharp gasoline odor, canary yellow fluorescence, pale straw cut.
	4646'			1"	OIL SAND - tan, fine, angular, soft, good permeability, sharp gasoline odor, canary yellow fluorescence, straw cut.
	4642'			1/2"	OIL SAND - as 4638'.

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Operator M. BARRATT-ERNEST W. BYSSHE, JR. Field Racetrack BAKERSFIELD, CALIFORNIA

Well No. Colm 42A-34 Sec. 34, T. 29S, R. 29E, M.D. B. & M.

FORMATIONS PENETRATED BY WELL

DEPTH TO		Thickness	Drilled or Cored	Recovery	DESCRIPTION
op of Formation	Bottom of Formation				
SCHLUMBERGER SIDEWALL SAMPLES (CONT'D)					
	<u>Depth</u>				
	4638'			1"	OIL SAND - tan, fine, angular, friable, fair permeability, sharp gasoline odor, pale yellow fluorescence, pale straw cut.
	4636'			1-1/2"	Sand - gray, fine, friable, fair permeability, no fluorescence.
	4634'			1"	Sand - gray, fine, friable, very ashy, low permeability, NOFSC.
	4634'			1"	Sand - medium gray, fine, angular, friable, good permeability, NOFSC. Gas sand.
	4632'			1"	Sand - brown, fine, very silty, tight, NOFSC.
	4622'			1-1/2"	Sand - gray, very fine, silty, low permeability, probably tight, NOFSC.
	4613'			2"	Sand - gray, very fine, very silty, tight, NOFSC.
	1203'			2"	Sand - black, medium, friable, carbonaceous tight, NOFSC.
	1196'			1-1/2"	OIL SAND - brown, medium, friable, ashy, fair permeability, dark amber cut, even brown fluorescence, appears well saturated.
	1127'			1-1/2"	OIL SAND - greenish gray with brown oil staining, medium to fine, loose, good permeability, even yellow fluorescence, appears well saturated, dark brown cut.
	1122'			1-1/2"	OIL SAND - as 1127'.
	1058'			2"	Sand - greenish gray, medium, firm, clayey, low permeability, NOFSC.
	1054'			1-1/2"	Sand - as 1049'.

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FORMATIONS PENETRATED BY WELL

DEPTH TO		Thickness	Drilled or Cored	Recovery	DESCRIPTION
Top of Formation	Bottom of Formation				
SCHLUMBERGER SIDE/ALL SAMPLES (CONT'D)					
	<u>Depth</u>				
	1049'			2"	Sand - gray, medium, friable, ashy, fair permeability, NOFSC. WET.
	983'			2"	Sand - as 1058', fair permeability, probably wet.
	967'			2"	Sand - gray with spotty brown oil staining, medium, firm, clayey, low permeability, probably too tight to produce.
	958'			2"	OIL SAND - as 866'.
	952'			1-1/2"	Sand - greenish gray with spotty brown oil staining, fine to medium, pebbly, ashy, low permeability.
	945'			1-1/2"	OIL SAND - greenish gray, fairly uniform brown oil staining, medium, friable, fair-low permeability, even yellow fluorescence, dark amber cut.
	941'			2"	Sand - greenish gray, medium, firm, ashy, very clayey, tight, NOFSC.
	933'			2"	Sand - as 941' with rare spots oil staining.
	910'			1-1/2"	Sand - as 933'.
	902'			2"	Sand - greenish gray, mottled brown oil staining, medium, friable, ashy, low permeability, fair saturation in permeable portions.
	878'			1"	Sand - as 902', common pebbles to 3/8".
	874'			1-1/2"	Sand - as 902'.
	866'			2"	OIL SAND - brown with green-gray ashy inclusions, medium, loose, generally good permeability, well saturated with live oil, even tan fluorescence, dark amber cut.

Described by R. A. Ganong