P. O. Box 813 - Farmington, N. M.

September 30, 1957

Re: Rincon Unit #57
Sec. 1-26N-7W
Rio Arriba County, N. M.

United States Geological Survey 208 B West Main Farmington, New Mexico

Gentlemen:

For the completion of your file on the captioned well, we enclose herewith the following:

2 copies of Form 9-330 - Log of oil or gas well 2 copies of Well history

Under separate cover we are sending you two copies of Schlumberger's Neutron, Electrical and Micro logs.

Yours very truly,

TEXAS NATIONAL PETROLEUM CO.

D. E. A. Johnson

cc: New Mexico Oil Conservation Commission Aztec, New Mexico

2 copies of each of the above is enclosed and the logs are also being mailed under separate cover.

TERRY CARRONAL PETS CLEDS CO.

SAN JUAN BASKE

WELL HISTORY

RINCON UNIT #57

July, 1957 J S.A. Johnson

Location	99 SWL 990 1	WEI. SH Nº NA	Sec. L	-26N- 7 H. N	PH.
230000000000	Ri Arriba C				
Elevation:	G und 659				
	8.12 7 /55	£	maniote	on Emter /	1/2/55
	Carbett Oril	Signatura (Maria California)	Completion Date: 11/2/55		
Casing:	Surfaces 10		u.g ⊢ kn u/o:	25 case	
Casmin	reduction:	-7: @ 7551 0	nu ay ta	eneretical	10° Can 1
Buth Louis	, COMMONDO	2-3/86 6 7		sax prus	ive de i
Tubing	7702	PBD: 7380	DUA IND		
(D)	346 MCF/D			and Destanding	7000 05/1
IP	346 MCF/D	tronficing t	ormacio	n: Dakota	7300-7361
Paramatikus.					7192-7234
Formation.	•	Thurse de Se		Pom år a sam	The American service
lops	F1 . 4 % . 8	Depth 2380	1	Datum 1222	Thickness
	K rtiend		f	•	355
	Futtlend	2735		3667	189
	Po Cliffs	2 924		3678	60
	LARIS	3004		3598	596
	House	4600		5005	25
	Menefee	4625		1977	1 547
	Pt Lookout	51.72		1430	140
	Mancos	5312		1290	1878
	Tocito	6708		106	12
•	Greenhorn	? 090	~	489	911
	Da kota	7184	4-	582	31,7
	Morrison	7531	*	929	*
•	T D	7702	*w	1100	

Chronological History

Date 8/27/55	Depth	Remarks Spudded 13-3/4 hote 8:30 P.M.
8/28	455	Landed 10-3/4" csg @ 425" & cemented w 225 sax
9/6/55	4317	Dr1d 8-3/4" hole. 3/40 @ 4200" Vis. 44 wt. 10.4
114135	4)11	W.L. 8.3
9/7	الالماليا	Orlg.
9/8	4570	Dr1g. 1/2° C 4570
9/9	4695	Twisted off D C's @ 4579. Recovered same & drld ahead
9/10	4695	Dr1g 3/4° 6 4895
9/11	5055	Drlg Vis 42 ut 9 8 W.L. 9.8
9/12	5275	Lost cirin © 5230
9/13	5409	Drig 10 e 5409
9/14	5664	Drig.
9/15	5945	Delg Vis 41 ut. 95 W L. 63
9/16	6179	Drig 1-1/40 @ 6054
3/17	6453	Drig
9/1b	6650	Orlg.
9/19	6122	Drid to 6715. Pulled out to core. 10 6 5715.
		Vis. 45 wt. 9.7 % L 6
9/23	6765	Core #1 (8-5/8") 6715-6765 Cut 50" Rec 17" Tocito
		sand and shale (5° med to coarse grained, fight sand
		bleeding gas). 5 hrs. W O Tester
9/21	6503	DST #1 (Tocito) 6603-6765 Open 4 hrs. 50 mil.
		Shut in 15 min. Gas to surf. 22 min. Est 1 170 MCFPD.
		Recovered 150° GCM 1FP 110
		FFP 95, SIP 1061 (incomplete Build-up), IHP 3.50
		FHP 3372. Orld ahead
9/22	70 20	Drlg. Vis. 42 wt 9.5 W.L. 6.6
9/23	71 61	Went in with core barrel @ 7160 but could not cut
		core - pump pressure abnormally high.
9/23		Tripped core barrel and dumped lo shale from typer of barrel.
		barrel.
9/24	7210	Coring.

9/25 9/26	7 252	Core #2 (8-5/8" D.) 7163-7213 Cut 50" Rec. 50" Oakota 21" shale, 29" sand with good gas odor. Cored ahe. 50 Core #3 (8-5/8" D) 7213-7262. Cut 39" Rec. 7" Dakota	
	_	Sand bleeding gas & pinpoints of oil. Lost returns while going in hole. After cetting returns & conditionin mud, drilled shead.	ıg
9/27	72 98	DST #2 (Dakota) 7185-7275 Tool open 5 hrs. 15 min. S.I. 15 in. Gas to surf 13 min. 250 MCFPD est d. Recovered 270° gas & dist. cut mud. IFP 83#, FFP 104#, SIP 1395# (incomplete build up) HP 3688#. Drld ahead	
9/28	7365	Drig. Vis. 64 wt. 10.0 W.L. 6.5	
9/29	7394	Drlg. Lost returns making a trip @ 7380.	
9/30	7440	Drlg.	
10/1 10/2	7506 7511	Started coring © 71/70-	
		Core #4 (6-1/8" D) 7470-7511 Cut 4" Rec. 41" Dakota Sand, bleeding gas, siltstone, and shale. Reamed core hole to 8-3/4"	
10/3	7543	Pulled core #5 after cutting 10°. Core head split. Core #5 (6-1/8°D) 7511-7521, Cut 10° Rec. 4°8° Dakota sand-wet. Cored ahead.	
10/4	7552	Core #6 (6-1/8" D) 7521-7544 Cut 23". Rec. 22"6" - 10" Dakota sand & conglomerate - wet. 12-1/2" Morrison	
10/5	7 552	Shale & siltstone - no shows. Cored ahead. Core #7 (6-1/8" D) 7544-7552. Cut 8" Rec. 8" Morrison, Siltstone & shale. No shows. Reamed core hole	
10/6 10/7	. 7598 76 48	Drlg.	
10/8	7686	Drlg	
10/9	7702	Drig.	
,	, , , , ,	Drid to T.D. & conditioned hole. Ran Schlum ES & Micro log. Tripped in & conditioned hole to lay down DP	
10/10	7772	Laid down DP. Ran 7" casing;	
		Guide shoe	
		1 Jt 7" 26# J-55 LT & C 32.98	
		Float Collar 1.40	
		31 Jts 7" 26# J-55 LT&C 981.00	
		156 Jts 7" 23# J-55 LTaC 6558,53	
		7" above K.B. 7575.31 21.31	
		7" above K.B. 7575.31 21.31	
10/11	7262 pp	7" above K.B. 7575.31 7" landed @ 7554.00 K.B. Cemented with 985 sax SLO-set / 4% Gel Plug down 10:30 P.M. with 3000#	•
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10/12 10/13 10/15 10/16 10/18 10/19 10/20 10/21 10/23 10/26	7515 PB 7515 PB PBD 7515	7" above K.B. 7" landed @ 7554.00 K.B. Cemented with 985 sax SLO-set / 4% Gel Plug down 10:30 P.M. with 3000# WOC 12 hrs. Set csg. in slips & ran temp. survey. Found top cement in anclus @ 4745. Nippled up & started picking up tbg. Drld. cement from 7236-7515. Wait on water 8 hrs. to displace mud. W/O water 8 hrs. Displaced mud with water and tested csg w 1000# for 15 min. O.K. Ran Schlum Neutron Log perf d 7482 - 7495 w 52 bullets. DST #3 (Dekota) 7482-749 w Hookwall @ 7470. Open 6 hrs. 32 min. SI 30 min. Gas to surf 2 hrs. 14 min. Rec. 90° water. IFP 25#, FFP 295#, SIP 557#, HP 3190#. Tripped TBG. Flanged up tree & start tearing down Rig released. Started moving in service rig Moved in & rigged up service rig Attempted to frac thru csg. No breakdown at max press of 3000# Ran TBG with packer Pumped oil in @ 1 bbl/min @ 1030* Tripped tbg. With packer set, pumped 500 gallons and acid & 75 bbls oil out perf s. Formation broke 1200-1000 psi 3-1/2 bbls/mi Did not attempt frac Pulled tbg & reperf d 7482-7495 w 4 lets/ft. Could not get injection rate over 3 bbls/min. Mi not attempt frac. Tripped tbg & set bridge plug @ 7461*. Bullet perforated	ed in.

7/4

10/30/55	Dowell sand-diesel fraced 7300-7351 w 10,000% sand & 10,000 gal diesel. Pumped 28 bbls. diesel ahead of sand at 4000 psi. After 4000%-4000 gals. sand diesel had been pumped into formation. The press increased from 4000 to 5100 psi and csg press increased from 1000 to 2000 psi. Stopped pumping, released press on the and well unloaded in 2 hrs. Initial flow 3 to 8 MCF/D @ 12:01 P.4. thru 2° the. No choke. Rate 6 4:00 PM, 736 MCF/D.
19/31 11/1 11/2	Flowing 736 MCF/D. No choke. Anulus making water. Flowing as above. Shut in well & released rig 6:00 PM SITP 2500 psi
Phus Prok	WORKOVER
Plug Back Depth	REMARKS

		WORKOVER
Date	Plug Back Depth	REMARKS
6/11/9 6/12	56 7h61	Moved in & rigged up service unit. Unable to kill well with oil. Halliburton rigged up & pumped 52 bbls oil into Dakota. Unable to unseat the packer & Halliburton could not kill the well. Flowed oil back. Tried to unseat packer
6/14		Still trying to unseat packer. Mixed salt water with 239 sax salt & changed BOP & well head.
6/15		Mixed 90 more sax salt & started reversing salt water at 5:00 AA. Got salt water returns at 9:25 AM. Worked Packer loose at 10:48 AA. Pulled tbg & circ*d every 20 jts.
6/16	7285	Set McCullough bridge plug & 7205 & perf*d Graneros 7192-7234 w 4 shots/ft. Set Halliburton HM packer @ 7167. Rigged up to swab salt water out of the but could not say because of sand & bad the Dowell displaced salt
6/17		water out Flanged up Xmas tree. Dowell fraced w 8400# 20-40 sand & 10,750 gal. diesel. Inj. rate 3 bbls/min. Max press 4100 psi, Min 3400 psi. Job complete 8:00 AM Stripped head on and cirt dout frac sand. Came out w packer.
6/18 6/19		Went in w bit & drid out 70° frac sand Ran in & set Lane Wells packer @ 7167. Swabbed tbg. down to 5600° & had a small show of gas.
6/20	PRD 7285	Swabbed the down. Well flowed cas about 600 MCF/D. Pulled packer.
6/22		Ran the w 6° perform. Started swabbing 1:15 AM. Fluid level 4200° @ 11:00 AM. Swabbing salt water. Sanded up 3:00 AM. Started reversing
6/23		salt water but ran out of water.
6/24		Continued to reverse circ & work stuck swab. Pulled line out with blocks & tripped thg. Filled hole w salt water & then started displacing w oil.
6/25		Displaced w oil & started swabbing. Swabbed to 345°, well
6/26		flowed to 530° and died. Swabbed until 10:30 PM. Shut in until 2:00 AM. Csg. press 150 psi. Well would not flow so swabbed until 3:30 AM. Flowed 3:30 AM. Flowed 3:30 - 5:30 AM. Swabbed oil & salt water rest of the day.
6/27		Swabbed & flowed well until 9:00 PM. Prep to Mill well.
6/28		Killed well, tripped the & went in with bit. Switched oil mud back to reverse & mixed 34 more sax sait.
6/29		Drid on plug.
6/37	7383	Drid plug down to 7380°. Plug & sand came out of hole. Tripped the to complete well. The land 6 7381 w seating nipple 6 7330°.
7/1 7/2		Circulated salt water out w oil & started swabbing 6:00 AM Swabbed well. Kicked off 9:00 AM. C.P.640 psi. Blew to 10:15 AM & died. C.P. 200 psi.
7/3	•	Swabbed well. Shut in 10:15 AM, - 12:30 PM. Swabbed until

pronged spear on tbg.

Tripped the & recovered swab. Started swabbing & sand line stranded again - lost swab. Tripped the & went in w 3

Page #4

7/5/56 Recovered swab. Ran in a lanced the w perfiel jt. . on bottom € 7361%. 7/6 Changed heads, replaced old sand line & started swabbing 7:00 AM. Swabbed & flowed. 7/7 Well unloaded @ 10:30 AM. Released rig & blew well every 4 hrs. 8/9/56 Open flow potential from Graneros & Dakota 346 MCF/D

Shut in, waiting on pipeline connection.

SAR JUAN - MA

radaw ujir 4.7

ing in 1991 Objection

Spud Date: Contractor: Casing. Tubing	M America C Grand 659 8/27/55 Trock init barace AC Freduction	tounty, Wee A C	exico B: 6602 omplet: 19 - KB e/2 B u 984	on Pater ///	2/55
fd: Lf	7702 346 MCF/D	PBD: 7380 Producing F	ormatic	m. Peksta	9 (1990 - 19 (1901) 17 (1991 - 1911)
P N T G E	Coulomb Trustiand To Califo Wis Tiff House Benefus Leonout Decito Decito Decito Decito Decito Decito	Depth 2300 2735 2924 3004 4600 4625 51 2 5342 6708 7790 7184 7531	25	02642 7222 3867 3673 3598 2002 1977 1130 1290 106 463 582 929	Toichness 109 109 00 1596 25 557 150 2 872 24 357

Chronological History

Date 8/27/55	Depth	Remarks Spuddad 13-3/4° hole 8:30 P.M.
8/28	455	Landed 10-3/4" csg @ 425° & cemented w 225 sex
9/6/55	4317	Drid 8-3/4" hole: 3/40 c 6230" Was the St. 10.4 W.L 8.3
9/7	կեն	Drlg.
9/8	4570	Drig. 1/20 0 L570
9/9	4 6 95	Tristed off D C's @ 4579. Recovered same & deld shead
9/10	4895	Drlg 3/կ0 Բ կծ95
9/31	5755	Drlg Vis h2 st. 9.8 V.L 9.8
	5275	Lost cir'n © 5230
	5409	Drig 10 f 5409
9/14	5665	Drig.
9/15	5045	Dolg Vis Li wt. 95 W L 63
∂/16	6179	Drig 1-1/40 @ 6054
9/17	6 <u>4</u> 53 ·	Drig
9/18	66 50	Orlg.
9/19	6722	Drid to 6715 Pulled out to core. 13 6 6715.
		Vis. 45 wt. 9.7 1/ L 6
9/73	6765	Core #1 (8-5/8") 6715-6765 Cut 50" Rec 17" Tocito
		sand and shale (5% med. to coarse grained, hight sand
		bleeding gas) 5 hrs & C Tester
9/21	6 0 03	DST #1 (Tocito) 6603-6765 Open h. has 50 min
		Shut in 15 min. Gas to surf. 22 min Estal 170 MCPPD.
		Recovered 150° GCN 1FP 110
		FFP 95, SIP 1061 (incomplete Build-up), IHP 3.57
	 .	FHP 3372. Drld ahead
9/22	7020	Drlg. Vis. 42 wt 9.5 W.L. 6.6
9/23	7161	Went in with core barrel @ 7160 but could not out
0.100		core - pump pressure abnormally high.
9/23		Tripped core barrel and dumped la shale from moner
0 (0)	2010	barrel.
9/2/	7210	Coring.

age #2		_
/25	7252	Core #2 (8-5/8° D.) 7163-7213 Cut 50° Rec. 50° Dakota
26		21° shale, 29° sand with good gas odor. Cored ahe a Core #3 (8-5/8° D) 7213-7262. Cut 39° Rec. ?" Dakota Sand bleeding gas & pinpoints of oil. Lost returns while going in hole. After cetting returns & conditioning
/? 7	72 98	mud, drilled ahead. DST #2 (Dakota) 7185-7275 Tool open 5 hrs. 15 min. S.I. 15 in. Gas to surf 13 min. 250 MCFPD estid. Recovered 270° gas & dist. cut mud. IFP 83#, FFP 10h#. SIP
28	7 365	1395# (incomplete build up) HP 3688#. Orld ahead Drlg. Vis. 64 wt. 10.0 W.L. 6.5
/ 29 /30	7394 7 1 440	Drlg. Lost returns making a trip @ 7380. Drlg.
0/1 0/2	75 06 7 511	Started coring © 7476- Core #4 (6-1/8" D) 7470-7511 Cut 4º Rec. 41º Dakota
0/3	7 543	Sand, bleeding gas, siltstone, and shale. Reamed core hole to 8-3/4" Pulled core #5 after cutting 10%. Core head split.
D/4	ろだだり	Core #5 (6-1/8"D) 7511-7521. Cut 10" Rec. 4"8" Dakota sand-wet. Cored ahead.
074	7552	Core #6 (6-1/8" D) 7521-7544 Cut 23". Rec. 22"6" - 10" Dakota sand & conglomerate - wet, 12-1/2" Morrison Shale & siltstone - no shows. Cored ahead.
D/5	7552	Core #7 (6-1/8" D) 7544-7552. Cut 8° Rec. 8° Morrison, Siltstone & shale. No shows. Reamed core hole
0/6 0/7	7598 7648	Drig. Drig.
0/8	7686	Drlg.
0/9	7702	Orld to T.D. & conditioned hole. Ren Schlum ES & Micro log. Tripped in & conditioned hole to lay down DP
0/10	7772	Laid down DP. Ran 7" casing; Guide shoe 1.40
		1 Jt 7" 26# J+55 LT & C 32.98 Float Collar 1.40
		31 Jts 7" 26# J-55 LT&C 981.00 156 Jts 7" 23# J-55 LT&C 6558.53
		7" above K.B. 7575.31 21.31
		7" landed @ 7554.00 K.B. Cemented with 985 sax SLO-set / 4% Gel.
/11	72 62 PB	Plug down 10:30 P.M. with 3000# WOC 12 hrs. Set csg. in slips & ran temp. survey. Found top cement in anulus @ 4745. Nippled up & started
/12	7515 PB	picking up tbg. Drld. cement from 7236-7515. Wait on water 8 hrs. to dis-
/13	7515 PB	place mud. W/O water 8 hrs. Displaced mud with water and tested csg w 1000# for 15 min. O.K. Ran Schlum Neutron Log
		period 70.62 - 7495 w 52 bullets. DSI #3 (Dakota) 74.82-74.95 w Hookwall @ 7470. Open 6 hrs. 32 min. SI 30 min. Gas to
		surf 2 hrs. 14 min. Rec. 90 water. IFP 25#, FFP 295#, SIP 557#, HP 3190#. Tripped TBG. Flanged up tree & started tearing down
/15 /16		Rig released. Started moving in service rig
/18 /19	PBD 7515	Moved in & rigged up service rig Attempted to frac thru csg. No breakdown at max press of 3000#
/20 /21		Ran TBG with packer Pumped oil in @ 1 bbl/min @ 16/30%
/22 /23		Tripped tbg. With packer set, pumped 500 gallons and acid & 75 bbls oil out perfs. Formation broke 1200-1200 psi 6 3-1/2 bbls/min.
/26		Did not attempt frac Pulled the & reperfed 7082-7095 or 4 sets/ft. Could not get injection rate over 3 bhls/min. Did not attempt frac.
	7461	Tripped the set bridge plug @ 7461. Bullet perforated 4 shots/ft. 7300-7321, 7330-7340, 7352-7361.
0/27 0/28	7 561	Ran the w HOVCO squeeze packer set 7774.

10/30/55	Dowell sand-diesel fraced 7300-7361 w 10,070# sand & 10,000 gal diesel. Pumped 28 bbls. diesel ahead of sand at 4000 psi. After 4000#-4000 gals, sand diesel had been
	pumped into formation. The press increased from 4000 to 5100 psi and csg press increased from 1000 to 2000 psi. Stopped pumping, released press on the and well unloaded in 2 hrs. Initial flow 3 to 8 MCF/D @ 12:01 P.4 thru
10/31 11/1 11/2	2" tbg. No choke. Rate C 4:00 PM, 736 MCF/D. Flowing 736 MCF/D. No choke. Anulus making water. Flowing as above. Shut in well & released rig 6:00 PM SITP 2500 psi

		WORKOVER
	Plug Back	· · · · · · · · · · · · · · · · · · ·
Date	Depth	REMARKS
6/11/56	7461	Moved in & rigged up service unit.
6/12	1401	Unable to kill well with oil. Halliburton rigged up &
-,		pumped 52 bbls oil into Dakota. Unable to unseat the
	·	packer & Halliburton could not kill the well.
6/13		Flowed oil back. Tried to unseat packer
6/14		Still trying to unseat packer. Mixed salt water with
		239 sax salt & changed BOP & well head.
6/15		Mixed 90 more sax salt & started reversing sait water at
•, -,		5:00 AM. Got salt water returns at 9:25 AM. Worked
		Packer loose at 10:48 Ad. Pulled the & circ d every 20
		jts.
6/16	7285	Set McCullough bridge plug & 72d5 & perf*d Graneros 7192-
		7234 w 4 shots/ft. Set Halliburton HM packer @ 7167.
		Rigged up to swab salt water out of the but could not
		swab because of sand & bad thg. Dowell displaced salt
6/17		water out
0/1/		Flanged up Xmas tree, Dowell fraced w 8400# 20-40 sand
		& 10,750 gal. diesel. Inj. rate 3 bbls/min. Max press 4100 psi, Min 3400 psi. Job complete 8:00 AM Stripped
*		head on and cired out frac sand. Same out w packer.
6/18	5	Went in w bit & drid out 70° frac sand
6/19		Ran in & set Lane Wells packer @ 7167. Swabbed tho.
		down to 5600° & had a small show of gas.
6/20 PBI	7285	Swabbed the down. Well flowed cas about 600 MCF/D. ;
11:00		Pulled packer.
6/21		Ran the w 6° perfors. Started swabbing 1:15 AM. Fluid
6/22		level 4200 % 11:00 AM.
0/22		Swabbing salt water. Sanded up 3:00 AM. Started reversing salt water but ran out of water.
6/23		Continued to reverse circ & work stuck swab.
6/24		Pulled line out with blocks & tripped thg. Filled hole w
		salt water & then started displacing w oil.
6/25		Displaced w oil & started swabbing. Swabbed to 345°, well
- 12		flowed to 530° and died. Swabbed until 10:30 PM.
6/26		Shut in until 2:00 AM. Csg. press 150 psi. Well would not
		flow so swabbed until 3:30 A.A. Flowed 3:30 A.M. Flowed
6/27		3:30 - 5:30 AM. Swabbed oil & salt water rest of the day. Swabbed & flowed well until 9:00 PM. Prep to kill well.
6/28		Killed well, tripped the & went in with hit.
6/29		Switched oil mud back to reverse & mixed 34 more sax salt.
-/ -/		Drld on plug.
6/30	7383	Drid plug down to 7380. Plug & sand came out of hole.
•	•	Tripped the to complete well. The land 7381 w seating
		nipple © 7330°.
7/1		Circulated salt water out w oil & started swabbing 6:00 AM
7/2		Swabbed well. Kicked off 9:00 AM. C.P.640 psi. Blew to
7/2		10:15 AM & died. C.P. 200 psi. Swabbed well. Shut in 10:15 AM, - 12:30 PM. Swabbed until
7/3		Sand line stranded @ 7.00 PM o swab was lost.
7/4		Tripped the & recovered swab. Started swabbing & sand line
1,4		stranded again - lost swab. Tripped the & went in w 3
		pronged spear on tbg.

Page #4

Recovered swab. Ran in a landed the w perfed jt on bottom (7361).

7/6

Changed heads, replaced old sand line & started swabbing 7:00 AM. Swabbed & flowed.

Well unloaded @ 10:30 AM. Released rig & blew well every 4 hrs

Open flow potential from Graneros & Dakota 346 MCF/D Shut in, waiting on pipeline connection.

SAK UMB (GARAT)

READN WIT 457

Stage 1997 J. B. A. Johnson

Location: Elevation: Spud Date: Contractor: Casing: Tubing TD:	99 SML 990 N Ri Arriba C Grandr 659 E 17/55 Crabert Bril Saface: 10 Freduction:	ounty, New Ling Co -3/4° 6 42'	Mexico RB: 6602 Complet: B:g B: RB w/2: KB w 985 736: KB	on Date: //	/2/55
1D: 1P	346 MCF/D	Producine	Formatio	n. Oskola	7300-2361
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Formation:					ene :
lops.		Depth		Datu:	Find chare se
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	Pt Leokout	51 2		11:30	140
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	Tocito	6708		106	مُنْ الله الله الله الله الله الله الله الل
	Greenhorn	7090	**	<u> </u>	94
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	1 <i>ii</i>	1100		\$ \$ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	

Chronological History

Date 8/27/55	Depth	Remarks Spudded 13-3/4" hore 8:30 P.M.
8/28	455	Figure 10- $3/h^{\alpha}$ as a h^{2} % completed w 225 spx
9/6/55	4317	Drld 8-3/4" hole. 3/40 @ h200° Vis like Wt. 10.4 W.L 8.3
9/7	行行行	Dr1g
9/8	4570	Dr1g. 1/2° 0 4570
9/9	4695	Twisted off D C's @ 4579. Recovered same & deld ahead
9/10	4895	Orig 3/4° 6 4895
9/11	5055	Orly Vis 42 st. 9.8 W L 9.8
9/12	5275	Lost cir ^o n © 5230
9/13	5409	Dela 10 e 5409
9/14	5664	Drig.
9/15	5945	Drig Vis Li wt. 95% L 63
9/16	6179	Drlg 1-1/40 @ 6054
9/17	6453	Drlg
9/18	6650	Orlg.
9/19	6 72 2	Drid to 6715 Pulled out to core 16 6 6715.
		Vis. 45 wt. 9.7 W L 6
9/20	6765	Core #1 (8-5/8") 6715-6765 Cat 50" Rec 17" Tocato
		sand and shale (50 med to coarse grained, hight sand
		bleeding gas). 5 hrs. W O Tester
9/21	6503	DST #1 (Tocito) 6603-6765 Open la has 50 min
		Shut in 15 min. Gas to surf. 22 min Est d 130 MCFPD.
	•	Recovered 150° GCM 1FP 110
		FFP 95, SIP 1061 (incomplete Build-up), IHP 5 57
		FHP 3372. Drld ahead.
9/22	7020	Drlg. Vis. 42 wt 9.5 W.L. 6.6
9/23	71 61	Went in with core barrel @ 7160 but could not cut
		core - pump pressure abnormally high.
9/23		Tripped core barrel and dumped 1" shale from inner
		barrel.
9/2L	721 0	Coring.