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OPERATOR	3

NEW MEXICO OIL CONSERVATION COMMISSION

RECEIVED

OIL CONSERVATION COM. 10/11/71

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	
7. Unit Agreement Name	
8. Farm or Lease Name	
Fernandez	
9. Well No.	
7	
10. Field and Pool, or Wildcat	
wildcat	
12. County	
McKinley	

<p>SUNDRY NOTICES AND REPORTS ON WELLS</p> <p>(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)</p>	
<p>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p>	
<p>2. Name of Operator</p> <p>Shar-Alan Oil Corporation</p>	
<p>3. Address of Operator</p> <p>4101 E. Louisiana Ave., Denver, Colorado 80222</p>	
<p>4. Location of Well</p> <p>UNIT LETTER F, 1900 FEET FROM THE North LINE AND 2195 FEET FROM</p> <p>THE West LINE, SECTION 1 TOWNSHIP 15N RANGE 8W NMPM.</p>	
<p>15. Elevation (Show whether DF, RT, GR, etc.)</p> <p>6687 Gr.</p>	

<p>16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data</p>	
<p>NOTICE OF INTENTION TO:</p> <p>PERFORM REMEDIAL WORK <input type="checkbox"/></p> <p>TEMPORARILY ABANDON <input type="checkbox"/></p> <p>PULL OR ALTER CASING <input type="checkbox"/></p> <p>OTHER <input type="checkbox"/></p>	<p>SUBSEQUENT REPORT OF:</p> <p>PLUG AND ABANDON <input checked="" type="checkbox"/></p> <p>CHANGE PLANS <input type="checkbox"/></p> <p>OTHER <input type="checkbox"/></p> <p>REMEDIAL WORK <input type="checkbox"/></p> <p>COMMENCE DRILLING OPNS. <input type="checkbox"/></p> <p>CASING TEST AND CEMENT JOB <input type="checkbox"/></p> <p>OTHER <input type="checkbox"/></p> <p>ALTERING CASING <input type="checkbox"/></p> <p>PLUG AND ABANDONMENT <input checked="" type="checkbox"/></p>

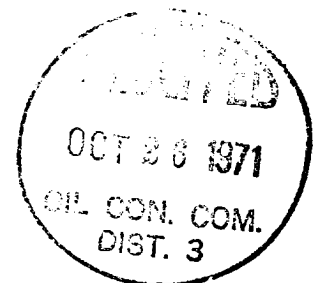
17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Fernandez No. 7 - Spudded 9/16/71 and reached T.D. of 2752 on 9/25/71.

Ran E. Log and Density Log. Also Drill Stem Tested, plugged and abandoned on 9/25/71 as follows:

Dakota	100' - 2710-2610
Massive Gallup	150' - 1730-1580
Cement Plug	1230-1180'

Well released to land owner - Affidavit of Responsibility filed this date.



<p>18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.</p>		
<p>SIGNED <u>H. F. Gumz</u></p>	<p>TITLE <u>Land Mgr. - H. F. Gumz</u></p>	<p>DATE <u>October 11, 1971</u></p>
<p>APPROVED BY <u>Emery G. Arnold</u></p>	<p>Original Signed by <u>Emery G. Arnold</u></p>	<p>DATE <u>3-17-72</u></p>
<p>CONDITIONS OF APPROVAL, IF ANY:</p>		

NEW MEXICO OIL CONSERVATION COMMISSION
1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO

Shaw Oil & Gas Co.
4101 E. Harrison Ave
Denver, Colo 80222

Re: Plugging Reports

Gentlemen:

Form C-103, Notice of Intention to Plug, your Yonkers 7
Lease Well No.
F. 1-15N-SW was approved 10-26-71. Your
Unit S-T-R
subsequent notice of plugging cannot be approved until a commission representa-
tive has made an inspection of the location to see:

- (1) all pits have been filled and leveled;
- (2) a steel marker, 4" in diameter and approximately 4' above mean ground level, must be set in concrete, this marker must have the quarter-quarter section or unit designation, section, township and range numbers, which shall be permanently stenciled or welded on the marker;
- (3) the location shall be cleared and cleaned of all junk;
- (4) the dead man wires must be cut.

The above are the minimum requirements.

Please notify us by filling in the blank form below when this work has been done so that our representative will not have to make more than one trip to the location.

on 11-12-71
10-26-71

OIL CONSERVATION COMMISSION

By George C. Carr

Fill in below and return:

Lease Well No. Unit S-T-R is ready for your inspection and approval.

11-12-71. Flowing water at 10 3/4
Stubs - at 10 gal/hr -
10-26-71

Operator

Name and title



LTR



Job separation sheet

FLUID SAMPLER DATA				Date 9-25-71		Ticket Number 455684	
Sampler Pressure _____ P.S.I.G. at Surface Recovery: Cu. Ft. Gas _____ cc. Oil _____ cc. Water _____ cc. Mud _____ Tot. Liquid cc. _____ Gravity _____ ° API @ _____ °F. Gas/Oil Ratio _____ cu. ft./bbl.				Kind of Job OPEN HOLE STRADDLE Tester MR. SMITH		Halliburton District FARMINGTON Witness MR. WILLIAMS	
Drilling Contractor STEWART BROTHERS				IC			
EQUIPMENT & HOLE DATA							
Formation Tested Dakota Elevation _____ Ft. Net Productive Interval 18' Ft. All Depths Measured From Rotary Kelly Bushing Total Depth 2756' Ft. Main Hole/Casing Size 6 1/4" Drill Collar Length _____ I.D. _____ Drill Pipe Length 2571' I.D. 2" Packer Depth(s) 2627' - 2630' - 2648' Ft. Depth Tester Valve 2608' Ft.							
TYPE		AMOUNT		Depth Back Pres. Valve		Surface Choke	
Cushion		-		-		Bottom Choke 1 1/2"	
Recovered 180 Feet of Water cut mud							
Recovered 2126 Feet of Water							
Recovered Feet of							
Recovered Feet of							
Recovered Feet of							
Remarks Opened tool for 25 minute first flow with a strong blow; dead in 20 minutes. Closed tool for 30 minute initial closed in pressure. Reopened tool for 30 minute second flow with no blow. Closed tool for 30 minute second closed in pressure.							
TEMPERATURE		Gauge No. 349		Gauge No. 283		Gauge No. 730	
		Depth: 2612' Ft.		Depth: 2616' Ft.		Depth: 2749' Ft.	
		24 Hour Clock		12 Hour Clock		24 Hour Clock	
Est. °F.		Blanked Off NO		Blanked Off NO		Blanked Off YES	
Actual 96 °F.		Pressures		Pressures		Pressures	
		Field Office		Field Office		Field Office	
Initial Hydrostatic		- 1408		1409 1408		1456 1488	
Flow Initial		158 484		158 494			
Flow Final		1015 1016		1017 1016		HYDROSTATIC	
Closed in		1015 1018		1024 1021		RELEASE	
Flow Initial		1015 1019		1024 1021		- 1107	
Flow Final		1015 1019		1024 1021			
Closed in		1015 1020		1024 1022			
Flow Initial							
Flow Final							
Closed in							
Final Hydrostatic		1406 1408		1409 1408		1456 1488	

 Legal Location
 Sec. - Twp. - Rng.

1 - 15N - 8W

Field Area

WILDCAT

County

MC KINLEY

State

NEW MEXICO

 Lease Name
 FERRENDEZ

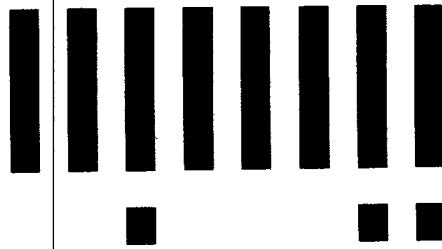
 Well No. **1**

 Test No. **1**

 Tested Interval
2630' - 2648'

 Lease Owner/Company Name
 SHAR ALAN

	O. D.	I. D.	LENGTH	DEPTH
Reversing Sub				
Water Cushion Valve				
Drill Pipe	2 7/8"	2"	2571'	
Drill Collars				
Handling Sub & Choke Assembly	3"	1 1/2"	6'	
Dual CIP Valve				
Dual CIP Sampler	3"	1 1/2"	4'	2608'
Hydro-Spring Tester				
Multiple CIP Sampler				
Extension Joint	3"		4'	2612'
AP RUNNING CASE	3"	3"	4'	2616'
AP Running Case				
Hydraulic Jar	3"	1"	6'	
VR Safety Joint				
Pressure Equalizing Crossover				
Packer Assembly	5"	1"	4'	2627'
Distributor				
Packer Assembly	4 3/4"	1"	4'	2630'
Flush Joint Anchor	3"	2"	13'	
Pressure Equalizing Tube				
Blanked-Off B.T. Running Case				
Drill Collars	3"	1"	2'	
Anchor Pipe Safety Joint				
Packer Assembly	5"	1"	4'	2648'
Packer Assembly				
Anchor Pipe Safety Joint				
Side Wall Anchor				
Drill Collars	3 3/4"	1 1/2"	91'	
Flush Joint Anchor	3"	2"	8'	
Blanked-Off B.T. Running Case	3"	3"	6'	2749'



LTR



Job separation sheet

WALTER H. WILLIAMS

PETROLEUM ENGINEER

360 DENVER CLUB BUILDING

DENVER, COLORADO 80202

PHONE (303) 292-4905

Well Report

Shar-Alan Oil Corporation
Fernandez No. 7
McKinley County, New Mexico



Location: 1900' FNL & 2195' FEL Sec. 1 T15N, R8W, N.M.P.M.

Elevation: 6687' Ground Level; 6691 K.B. (Datum)

Contractor: Stewart Brothers Drilling - Rig #27, WABCO 2000, Rotary

Spud Date: September 16, 1971

Completion Date: September 25, 1971

Total Depth: 2752'Driller, 2750' Welex

Casing: Surface - 7-5/8" CSA 34'. Cem. W/9SX Common

Plugging: Dakota 100' cement plug 2710' to 2610'; Massive Gallup. 150' cement plug 1730' to 1580'; Surface 50' cement plug 1230' to 1180'. Welded plate on surface pipe pending decision of land owner to complete as water well.

Electrical: Welex - Induction - Electric

Surveys: Log 2744' to 50', Gray-Density 2748' to 50'

Test Data: DST #1. Stroddle 2632' - 50'. Preflow 25 min., 30 min. Initial shut-in, Flow 30 min. Final shut-in 30 min. Opened tool, strong blow immediately. Died in 23 min. Very slight blow on second flow interval. Recovered 180' water cut drilling mud, 2126' fresh water. Total fluid recovered 2306'. IFP 158 psig, FFP 1017 psig, 30 min. SIP 1020 psig. 2nd flow 1024 psig. FSIP 1024 psig. HP 1409 psig.

FORMATION TOPS (LOG)

<u>Formation Name</u>	<u>Depth-K.B. Feet</u>	<u>K.B. Datum Feet</u>
Gallup	1375	+5316
Hospah Gallup	1550	+5141
Massive Gallup	1646	+5045
Middle Mancos	1730	+4961
Greenhorn	2360	+4331
Graneras	2410	+4281
Dakota	2440	+4251
Dakota DE Zone	2618	+4073
Morrison	2730	+3861
Total Depth	2750 (Welex)	+3841

SAMPLE DESCRIPTION

Top of Hospah Gallup 1550' (Log)

1500-50	Sltstn, 40%, ss gry fn gr 30%, sh, gry 30%
1550-80	Section as above w/50% ss, 30% sltstn, 20% sh
1580-1600	Section as above w/60% ss, 20% sltstn, 20% sh
1600-20	Section as above w/40% ss, 20% sltstn, 40% sh
1620-40	Section as above w/60% ss, 20% sltstn, 20% sh
1640-50	Section as above w/30% ss, 20% sltstn, 20% sh

Top of Massive Gallup 1646' (Log)

1650-60	Sltstn 50%, sh 50%, as above
1660-1700	ss, fn to med. gr, med. well cons 80%, sltstn 10%, sh 10%
1700-40	ss, as above 70%, sh 20%, sltstn 10%

Top of Middle Mancas 1730' (Log)

1740-1920	sh lt. gry 60%, sltstn 30%, ss 10%
1920-2370	Section as above. sh 80%, sltstn 20% some scattered sand

Top of Greenhorn 2360' (Log)

2370-80	Section as above, sltstn increase to 60%, sh 40%, tr ss
2380-90	Section as above. ss increase to 30%, sh 50%, sltstn 20%
2390-2420	Section as above, ss decrease to tr. sh 90%, sltstn 10%

Top of Graneras 2410' (Log)

2420-40	Section as above
---------	------------------

Top of Dakota 2440' (Log)

2440-90	Section as above, ss increase to 30%, sh 70%
2490-2500	Sh dark gry, fri 90%, sltstn 10%, Tr ss
2500-40	Section as above, ss increase to 10%, Large qtz xls throughout
2540-80	Section as above w/10% ss, 20% sltstn and 70% sh
2580-90	Section as above. Sltstn increase to 30%, sh 70% w/qtz xls throughout
2590-2620	Sh, dk gry 90%, sltstn 10%

Top of Dakota DE Zone 2618' (Log)

2620-80	ss, gry, p cons, med. gr. rounded 20%, sh, as above 80%
2680-2720	Section as above, ss increase to 40%
2720-30	Section as above, ss decrease to 30%

Top of Morrison 2730' (Log)

2730-50	Section as above w/ss decrease to 20%
2750-52	Circulating sample. Sh, dk gry 70%
	Sh, lt green 20%, ss, shite, well rounded and sorted 10%

TD 2752

Shar-Alan Fernandez No. 7
McKinley County, New Mexico

1900' FNL & 2195' FWL (SE NW)
Sec. 1 T15N R8W

Elev: 6687 GL
6691 KB (Datum)

Drilling Time

0-34' Surface	<u>5</u>	<u>10</u>	<u>15</u>	<u>20</u>	<u>25</u>	<u>30</u>	<u>35</u>	<u>40</u>	<u>45</u>	<u>50</u>	<u>55</u>	<u>60</u>	<u>65</u>	<u>70</u>	<u>75</u>	<u>80</u>	<u>85</u>	<u>90</u>	<u>95</u>	<u>100</u>
40-100													3	6	3	3	5	5	10	5
100-200	2	2	6	2	2	6	2	2	6	3	2	4	2	2	4	2	2	3	2	2
200-300	5	2	2	4	3	9	3	2	2	4	2	3	2	3	8	3	3	3	4	2
300-400	2	4	2	2	3	2	2	4	2	2	2	2	4	2	3	5	2	3	4	2
400-500	2	3	2	2	3	2	4	3	3	2	3	2	2	2	2	2	3	7	8	2
500-600	4	3	5	2	3	3	6	6	7	3	5	3	5	5	3	3	4	4	4	5
600-700	11	4	4	4	5	5	7	6	5	10	11	6	4	5	5	4	5	4	3	7
700-800	5	4	4	4	4	5	4	4	4	4	5	4	4	5	5	4	4	4	3	3
800-900	4	3	2	5	2	3	4	4	5	4	4	4	5	3	4	3	3	2	2	2
900-1000	3	2	3	5	4	4	4	4	4	3	4	4	4	5	5	3	4	4	3	3
1000-1100	3	3	5	4	4	4	7	4	6	4	4	3	4	6	2	2	10	5	9	6
1100-1200	9	10	5	9	13	5	6	5	6	8	15	-	4	14	4	5	4	3	5	5
1200-1300	5	6	7	6	7	6	6	8	7	-	-	8	7	8	6	6	7	7	6	10
1300-1400	10	10	11	8	10	11	10	10	11	11	13	14	12	14	18	14	11	15	15	21
1400-1500	21	15	14	10	7	14	13	13	12	12	12	12	16	12	14	15	11	15	14	14
1500-1600	14	15	18	17	15	25	32	8	6	5	7	7	7	9	8	9	5	3	6	7
1600-1700	5	9	6	6	6	11	6	8	5	5	4	4	4	5	4	4	6	6	6	7
1700-1800	7	7	7	7	10	18	19	41	18	19	38	33	18	16	13	16	11	9	15	15
1800-1900	15	15	16	14	18	16	15	16	15	14	15	13	12	13	13	14	12	11	10	11
1900-2000	9	12	12	13	14	13	12	9	12	12	11	13	13	11	11	10	11	11	11	12
2000-2100	11	11	11	11	10	10	12	10	8	11	11	11	12	11	14	11	11	11	10	17
2100-2200	14	11	14	15	14	12	14	31	23	12	16	14	17	14	12	11	11	10	11	12
2200-2300	14	7	8	7	8	11	9	9	8	8	10	13	9	14	11	8	14	18	-	11
2300-2400	18	15	20	19	18	16	20	25	24	25	23	20	22	33	34	40	43	34	31	35
2400-2500	27	35	20	15	21	23	25	16	12	9	12	13	11	10	12	17	17	18	18	18
2500-2600	18	18	19	24	24	22	24	22	23	24	22	30	30	26	31	34	33	24	21	12
2600-2700	19	24	26	31	15	12	13	14	15	17	17	13	10	10	13	15	16	16	16	17
2700-2800	16	34	29	33	32	34	31	32	22	20	T.D.	2752'								

SUMMATION

This well was drilled to a total depth of 2752 feet and penetrated the Jeviasic Morrison formation. The Welex log, with a resistivity of 900+ ohms indicated a productive zone at the internal drill stem tested 2732-50 feet. Results of the test indicated no hydrocarbons present. Sample analysis indicated no show.

This is an area of high formation water resistivity and log interpretation in these intervals may be inconclusive. In discussing the log analysis with AMOCO Production Co. personnel in their Denver office, it was concluded that the log could be in error.

With a negative drill stem test and no shows by sample examination, the well was plugged and abandoned.

Walter H. Williams



LTR



Job separation sheet

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OPERATOR	1

Form C-105
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

00710 1971

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

1a. TYPE OF WELL				OIL CONSERVATION COMM. SANTA FE				7. Unit Agreement Name	
OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>									
b. TYPE OF COMPLETION								8. Farm or Lease Name	
NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>								FERNANDEZ	
2. Name of Operator								9. Well No.	
Star-Alan Oil Corporation								7	
3. Address of Operator								10. Field and Pool, or Wildcat	
4101 E. Louisiana Ave., Denver, Colorado 80222								Wildcat	
4. Location of Well									
UNIT LETTER <u>7</u> LOCATED <u>1900</u> FEET FROM THE <u>North</u> LINE AND <u>2135</u> FEET FROM								12. County	
THE <u>West</u> LINE OF SEC. <u>1</u> TWP. <u>18N</u> RGE. <u>2W</u> NMPM								McKinley	
11. Date Spudded		16. Date T.D. Reached		17. Date Compl. (Ready to Prod.)		18. Elevations (DF, RKB, RT, GR, etc.)		19. Elev. Casinghead	
9/17/71		9/24/71		9/25/71		6667 Gr.			
20. Total Depth		21. Plug Back T.D.		22. If Multiple Compl., How Many		23. Intervals Drilled By		23. Intervals Drilled By	
4760'						Rotary Tools		Cable Tools	
						2760'			
24. Producing Interval(s), of this completion - Top, Bottom, Name								25. Was Directional Survey Made	
No.								Yes	
26. Type Electric and Other Logs Run								27. Was Well Cored	
Welex - Induction Log and Density								No	
28. CASING RECORD (Report all strings set in well)									
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD	
7		17#		30'		8 1/4"		10 sacks	
29. LINER RECORD					30. TUBING RECORD				
SIZE		TOP		BOTTOM		SACKS CEMENT		SCREEN	
None								None	
31. Perforation Record (Interval, size and number)					32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.				
No					DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED				
33. PRODUCTION									
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)						Well Status (Flow or Shut In)	
Date of Test		Hours Tested		Choke Size		Prod'n. For Test Period		Oil - Bbl.	
Flow Tubing Press.		Casing Pressure		Calculated 24-Hour Rate		Oil - Bbl.		Gas - MCF	
						Gas - MCF		Water - Bbl.	
								Oil Gravity - API (Corr.)	
34. Disposition of Gas (Sold, used for fuel, vented, etc.)								Test Witnessed By	
35. List of Attachments									
Logs will be forwarded by Welex under separate cover.									
36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.									
SIGNED <u>Handwritten Signature</u>				TITLE <u>Land Manager</u>				DATE <u>Oct. 11, 1971</u>	

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
1550	1645	95	Hospah Gallup				
1646	1729	84	Massive Gallup				
1730	2359	629	Middle Mancas				
2360	2409	49	Greenhorn				
2410	2439	29	Graneros				
2440	2617	177	Dakota				
2618	2729	111	Dakota D. E.				
2730	-	-	Morrison				