

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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**MAY 6, 1985** P. O. BOX 2088  
**APR 25 1985** NEW MEXICO 87501  
**ARTESIA, OFFICE**

WELL COMPLETION OR RECOMPLETION REPORT AND LOG  
ARTESIA, OFFICE

5a. Indicate Type of Lease	
State <input checked="" type="checkbox"/>	Fee <input type="checkbox"/>
5. State Oil & Gas Lease No.	
LG 6459	
7. Unit Agreement Name	
8. Farm or Lease Name	
Agave "AAJ" State	
9. Well No.	
1	
10. Field and Pool, or Wildcat	
Undes. Wolfcamp	
12. County	
Eddy	
15. Date Spudded	
12-31-84	
16. Date T.D. Reached	
2-4-85	
17. Date Compl. (Ready to Prod.)	
5-2-85	
18. Elevations (DF, RKB, RT, GR, etc.)	
3755' GR	
19. Elev. Casinghead	
20. Total Depth	
8960'	
21. Plug Back T.D.	
6310'	
22. If Multiple Compl., How Many	
23. Intervals Drilled By	
Rotary Tools	
Cable Tools	
X	
24. Producing Interval(s), of this completion - Top, Bottom, Name	
6263-76' Wolfcamp	
25. Was Directional Survey Made	
No	
26. Type Electric and Other Logs Run	
CNL/FDC; DLL	
27. Was Well Cored	
No	
28. CASING RECORD (Report all strings set in well)	
Casing Size	
Weight lb./ft.	
Depth Set	
Hole Size	
Cementing Record	
Amount Pulled	
20"	
40'	
26"	
13-3/8"	
54.5#	
265'	
17-1/2"	
300 SX	
8-5/8"	
24#	
1130'	
12-1/4"	
900 SX	
5-1/2"	
15.5 & 17#	
8960'	
7-7/8"	
1400 SX	
29. LINER RECORD	
30. TUBING RECORD	
Size	
Top	
Bottom	
Sacks Cement	
Screen	
Size	
Depth Set	
Packer Set	
2-7/8"	
6159'	
6160'	
31. Perforation Record (Interval, size and number)	
6263-76' w/10 .42" Holes	
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Depth Interval	
Amount and Kind Material Used	
6263-76'	
w/1500 g. 15% acid, N2 &	
ball sealers. Re-acid w/	
10000g. acid+5000g CO2.	
33. PRODUCTION	
Date First Production	
5-2-85	
Production Method (Flowing, gas lift, pumping - Size and type pump)	
Flowing	
Well Status (Prod. or Shut-in)	
SIWOPLC	
Date of Test	
5-2-85	
Hours Tested	
4	
Choke Size	
3/8"	
Prod'n. For Test Period	
Oil - Bbl.	
14.8	
Gas - MCF	
125	
Water - Bbl.	
10.3	
Gas - Oil Ratio	
8445	
Flow Tubing Press.	
220#	
Casing Pressure	
Pkr	
Calculated 24-Hour Rate	
Oil - Bbl.	
89	
Gas - MCF	
750	
Water - Bbl.	
62	
Oil Gravity - API (Corr.)	
46+	
34. Disposition of Gas (Sold, used for fuel, vented, etc.)	
Vented - Will be sold	
Test Witnessed By	
Don Weaver	
35. List of Attachments	
Deviation Survey, DST's	
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>Quanta Goodlett</u> TITLE <u>Production Supervisor</u> DATE <u>5-3-85</u>	

Post FD-2  
5-17-85  
Comp + BH

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division 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 _____	LWR 7252	T. Ojo Alamo _____	T. Penn. "B" _____	
T. Salt _____	T. Strawn _____	7860	T. Kirtland-Fruitland _____	T. Penn. "C" _____	
B. Salt _____	T. Atoka _____	8332	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 _____ 3738	T. Bone Springs _____		T. Wingate _____	T. _____	
T. Wolfcamp _____ 5032	T. Strawn Mkr _____ 8176		T. Chinle _____	T. _____	
T. Penn. _____ 6574	T. Morrow Clastic _____ 8648		T. Permian _____	T. _____	
T. Cisco (Bough C) _____	T. Chester _____ 8862		T. Penn. "A" _____	T. _____	

## OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from _____ to _____

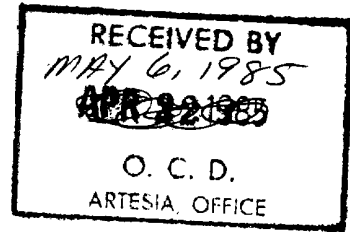
## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____	feet _____
No. 2, from _____ to _____	feet _____
No. 3, from _____ to _____	feet _____
No. 4, from _____ to _____	feet _____

## FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	260	260	Surface, Redbeds, Anhy.				
260	1140	880	Anhydrite, Dolomite	8020	8800	780	Lime, Shale, Sand, Chert
1140	1800	660	Anhy, Dolo, Lime	8800	8960	160	Shale, Lime
1800	2090	290	Dolomite				
2090	2440	350	Dolomite, Lime				
2440	2910	470	Dolomite				
2910	3200	290	Dolomite, Lime				
3200	3430	230	Dolomite, Sand, Lime				
3430	3700	270	Dolomite, Lime				
3700	5050	1350	Dolomite				
5050	5210	160	Dolomite, Lime				
5210	5500	290	Limestone, Shale				
5500	5880	380	Lime, Dolo, Shale				
5880	6380	500	Limestone, Shale				
6380	6530	150	Shale, Sand, Lime				
6530	6630	100	Shale, Lime				



YATES PETROLEUM CORPORATION

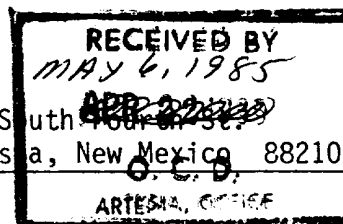
DRILL STEM TESTS

Agave "AAJ" State #1 - LG 6459  
Unit A, 660 FNL & 660 FEL  
Section 32-T19S-R24E  
Eddy County, New Mexico

DST #1 6257-6407' (150'): Misrun.

DST #2 6257-6407' (150'): TO 30"; SI 60"; TO 90"; SI 180". Tool opened with 3" in bucket (fair blow). Blow increased to good blow in 20 minutes. Reopened tool with good blow. Opened on 1/4" choke with 2 minutes, 10 psi. Pressure started decreasing. Gas to surface in 20 minutes. Flare 3'. Decreased to 2' flare after 30 minutes. Recovery: estimated 222' of drilling mud. Sampler: 100 cc mud; 1 psi; .11253 cfg. BHT 110°. Pressures: IHP 3149-3127; IFP 131-196; ISIP 850; FFP 131-174; FSIP 1391.

## INCLINATION REPORT



OPERATOR Yates Petroleum Corp. ADDRESS 207 South Fourth St., Artesia, New Mexico 88210  
LEASE Agave AAJ WELL NO. #1 FIELD \_\_\_\_\_  
LOCATION Sec. 32-19S-24E, Eddy County, New Mexico

DEPTH	INCLINATION DEGREE	DISPLACEMENT	DISPLACEMENT ACCUMULATED
175'	3/4°	2.29	2.29
518'	1°	6.00	8.29
1,047'	1-3/4°	16.13	24.42
1,347'	1/2°	2.61	27.03
1,843'	1-1/2°	12.99	40.02
2,341'	1°	8.71	48.73
2,840'	1°	8.73	57.46
3,339'	1°	8.73	66.19
3,742'	0°	0.00	66.19
4,236'	3/4°	6.47	72.66
4,732'	1/4°	2.18	74.84
5,228'	1/2°	4.31	79.15
6,408'	1°	20.65	99.80
7,000'	1°	10.36	110.16
7,500'	1°	8.75	118.91
7,969'	1°	8.21	127.12
8,764'	3/4°	10.41	137.53
8,960'	1°	3.43	140.96

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

Exeter Drilling Company

By: R. W. Sitton

Title: Senior Vice President

## Affidavit:

Before me, the undersigned authority, appeared R. W. Sitton known to me to be the person whose name is subscribed herebelow, who on making deposition, under oath states that he is acting for and in behalf of the operator of the well identified above, and that to the best of his knowledge and belief such well was not intentionally deviated from the true vertical whatsoever.

R. W. Sitton  
Affiant's Signature

Sworn and subscribed to in my presence on this the 15th day of February, 19 85.

My Commission Expires:

February 22, 1985

Joan H. Odham  
Notary Public for State of Colorado  
1670 Broadway, Suite 3400  
Denver, Colorado 80217