

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Revised 1-1-89

WELL COMPLETION OR RECOMPLETION REPORT AND LOG						WELL API NO. 30-015-28348	
1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐						5. Indicate Type of Lease STATE ☐ FEE ☒	
b. Type of Completion: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☐ OTHER ☐						6. State Oil & Gas Lease No.	
2. Name of Operator MARALO, INC.						7. Lease Name or Unit Agreement Name KEYSTONE	
3. Address of Operator P. O. BOX 832, MIDLAND, TX 79702						8. Well No. 5	
4. Well Location Unit Letter <u>B</u> : <u>660</u> Feet From The <u>NORTH</u> Line and <u>1980</u> Feet From The <u>EAST</u> Line Section <u>32</u> Township <u>20S</u> Range <u>28E</u> NMPM <u>EDDY</u> County						9. Pool name or Wildcat BURTON FLAT - BONE SPRING ASSOCIATED	
10. Date Spudded 03/05/95		11. Date T.D. Reached 03/18/95		12. Date Compl. (Ready to Prod.) 03/31/95		13. Elevations (DF& RKB, RT, GR, etc.) 3218' GR	
15. Total Depth 6680'		16. Plug Back T.D. 6639'		17. If Multiple Compl. How Many Zones?		18. Intervals Drilled By Rotary Tools 10 - 6680'	
19. Producing Interval(s), of this completion - Top, Bottom, Name 6331 - 6523' FIRST BONE SPRING						20. Was Directional Survey Made YES	
21. Type Electric and Other Logs Run CNL/LDT/GR GR/N GR/PI GR/CBL/CCL						22. Was Well Cored NO	
23. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE	
13-3/8"		48#		530'		17-1/2"	
8-5/8"		32#		2500'		11"	
5-1/2"		15.5#		6680'		7-7/8"	
						250 SXS 50/50 POZ MX "H"	
24. LINER RECORD				25. TUBING RECORD			
SIZE		TOP		BOTTOM		SACKS CEMENT	
2-7/8"		6235'		6235'			
26. Perforation record (interval, size, and number) 1 JSFP @ 6331', 6339', 6341', 6343', 6349', 6351', 6355', 6378', 6380', 6382', 6401', 6403', 6411', 6413', 6415', 6327', 6429', 6439', 6441', 6445', 6449', 6453', 6463', 6473', 6493', 6495', 6497', 6512', 6521', 6523' - 30 HOLES				27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL 6331 - 6523' 16,000 GALS SPECTRAFRAC G-3000 CARRYING 164,500# 16/30 OTTAWA SD 16,000# 16/30 RESIN COATED SD.			
28. PRODUCTION							
Date First Production 03/31/95		Production Method (Flowing, gas lift, pumping - Size and type pump) FLOWING				Well Status (Prod. or Shut-in) PRODUCING	
Date of Test 04/09/95		Hours Tested 24		Choke Size 16/64"		Prod'n For Test Period 49	
Flow Tubing Press. 600 PSI		Casing Pressure -		Calculated 24-Hour Rate		Oil - Bbl. 49	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD		Test Witnessed By P. SMITH				Gas - MCF 463	
30. List Attachments C-104, DEVIATION SURVEY, TEMPERATURE SURVEY, LOGS (2)		31. 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				Gas - Oil Ratio 9449	
Signature Dorothea Logan		Printed Name DOROTHEA LOGAN		Title REGULATORY ANALYST		Date 04/10/95	

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 25 through 29 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 Otzte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Delaware Sand 2710'	T. Todilto	T.
T. Drinkard	T. Bone Springs 6326'	T. Entrada	T.
T. Abo	T.	T. Wingate	T.
T. Wolfcamp	T.	T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

OIL OR GAS SANDS OR ZONES

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

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
1558	2500	962	SHALE				
2500	4074	1574	SAND & LIME				
4074	6680	2606	LIME				



KEN REYNOLDS—PRESIDENT
ARNIE NEWKIRK—VICE-PRESIDENT

DRILLING CO., INC. — OIL WELL DRILLING CONTRACTORS

P. O. Box 1498 ROSWELL, NEW MEXICO 88202-1498
505/623-5070 505/746-2719
ROSWELL, NM ARTESIA, NM

March 20, 1995

Maralo, Inc.
P.O. Box 832
Midland, Texas 79702

RE: Keystone State # 5

Gentlemen:

The following is a Deviation Survey on the above referenced well located in Eddy County, New Mexico.

530' - 1/2°	3000' - 1°	5480' - 1
1013' - 1 1/4°	3510' - 1/2°	5958' - 1°
1507' - 1 3/4°	3980' - 1/2°	6458' - 1 1/4°
1978' - 1°	4480' - 1/4°	6685' - 1 1/4° T.D.
2500' - 1 1/4°	4980' - 1°	

Sincerely,

Gary W. Chappell
Contracts Manager

STATE OF NEW MEXICO }
COUNTY OF CHAVES }

The foregoing was acknowledged before me this 20th day of March 1995 by Gary W. Chappell.

MY COMMISSION EXPIRES

October 07, 1996

NOTARY PUBLIC

COMPANY: WEST-TEST INC.
CLIENT: MARALO, INC.
GAUGE NUMBER: 29240
WELL NAME: KEYSTONE
WELL NUMBER: 5
TEST NUMBER: 95-14-0445
LOCATION: EDDY COUNTY, NEW MEXICO
TEST OPERATOR: MCT AND CT
COMMENTS: TEMPERATURE SURVEY

POSITION GAUGE SERIAL NUMBER
1

DATE AND TIME CEMENT JOB COMPLETE	MARCH 17, 1995 @ 10:00 P.M.
DATE AND TIME SURVEY MADE:	MARCH 18, 1995 @ 1:00 P.M.
AMOUNT AND TYPE OF CEMENT USED:	380 SACKS 35/65 POSMIX; 250 SACKS 50:50 POSMIX WITH ADDITIVES RUN BEHIND 6686 FEET OF 5½" CASING IN A 7-7/8" HOLE.
DEPTH FIGURED FROM:	KELLY BUSHING

PAGE START DATE: 3/18/95

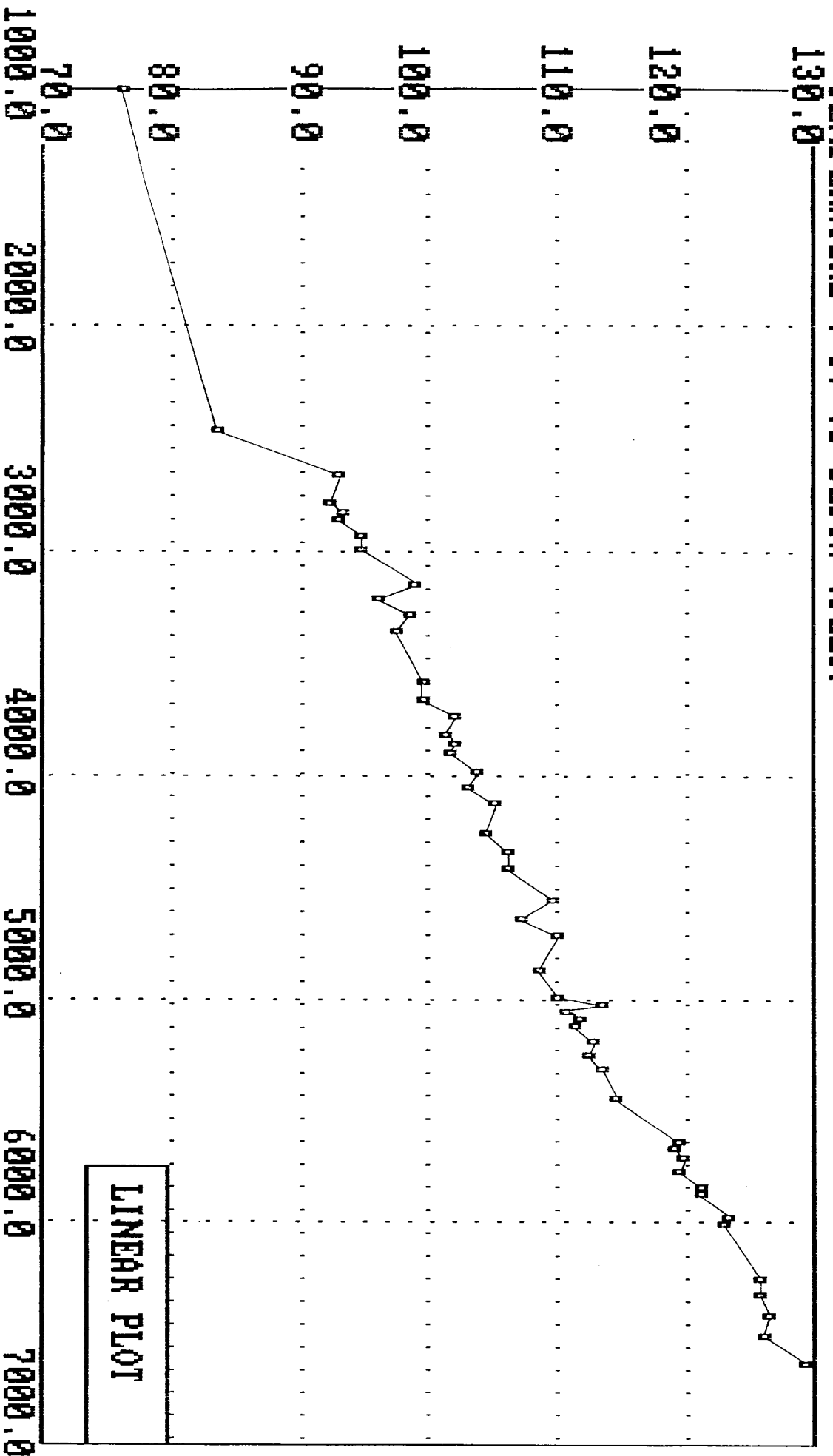
PAGE START TIME: 13:26: 0

DATA FILE: 7

DELTA TIME HRS	DEPTH FEET	TEMPERATURE 'F	COMMENTS
0.000	1000.00	76.00	
0.383	2470.00	83.50	
0.433	2658.00	92.75	BREAK
0.467	2790.00	92.00	
0.475	2823.00	93.25	
0.483	2856.00	92.75	
0.500	2925.00	94.50	
0.517	2995.00	94.50	
0.550	3145.00	98.75	
0.567	3206.00	96.00	
0.583	3279.00	98.50	
0.600	3354.00	97.50	
0.650	3575.00	99.50	
0.667	3658.00	99.50	
0.683	3736.00	102.00	
0.700	3814.00	101.25	
0.708	3855.00	102.00	
0.717	3897.00	101.50	
0.733	3978.00	103.50	
0.750	4049.00	103.00	
0.767	4120.00	105.00	
0.800	4262.00	104.25	
0.817	4336.00	106.25	
0.833	4410.00	106.00	
0.867	4558.00	109.50	
0.883	4634.00	107.00	
0.900	4712.00	110.00	
0.933	4866.00	108.50	
0.967	4990.00	110.00	
0.975	5021.00	113.50	
0.983	5053.00	110.75	
0.992	5084.00	111.75	
1.000	5116.00	111.25	
1.017	5180.00	112.75	
1.033	5244.00	112.50	
1.050	5309.00	113.50	
1.083	5440.00	114.50	
1.133	5638.00	119.25	
1.142	5671.00	119.00	
1.150	5705.00	119.75	
1.167	5773.00	119.25	
1.183	5840.00	121.25	
1.192	5874.00	121.00	
1.217	5977.00	123.25	
1.225	6012.00	123.00	
1.283	6255.00	125.75	
1.300	6326.00	125.50	
1.325	6415.00	126.50	
1.350	6510.00	126.00	
1.383	6632.00	129.00	M.D.R.

TEMPERATURE (°F) vs DEPTH (FEET)

MARALO, INC.
KEYSTONE NO. 5
EDDY COUNTY, NEW MEXICO
TEMPERATURE SURVEY
MARCH 18, 1995



LINEAR PLOT

APPROXIMATE CEMENT TOP: 2470 FEET
M.D.R.: 6632 FEET