

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other
instructions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.**RECEIVED****WELL COMPLETION OR RECOMPLETION REPORT AND LOG ***1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other NOV 10 1977

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ U.S. GEOLOGICAL SURVEY

2. NAME OF OPERATOR

MorOilCo, Inc.

3. ADDRESS OF OPERATOR

P.O. Drawer I, Artesia, N.M. 88210

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface

660 from South line 1980/from East line

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

10-7-77

16. DATE T.D. REACHED

10-16-77

17. DATE COMPL. (Ready to prod.)

10-20-77

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

4282.9'GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

4004

21. PLUG, BACK T.D., MD & TVD

22. IF MULTIPLE COMPL.,
HOW MANY*23. INTERVALS
DRILLED BY

ROTARY TOOLS

CABLE TOOLS

→

rotary

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

3837-39 3852-58 San Andres

25. WAS DIRECTIONAL
SURVEY MADE

yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Sidewall Neut. Prosity Log, DLL, Micro SFL, GR Corr.

27. WAS WELL CORED

no

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	23	1433.08'KB	11	300sx.HOWCO Lite &	none
				100sx.Class C Cem.,Circ.	50sx.(2%CaCl)
4 1/2	9.5	4004.45'KB	7 7/8	200sx.Class C 50/50 Poz	none

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8	3821.24'	3752.30'

31. PERFORATION RECORD (Interval, size and number)

3837-39 4 2pf .041"
3852-58 6 2pf .041"

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	500 gal 15% Acetic Acid
	3000 gal DS-30 Acid w/
	18 Ball Sealers

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
11-8-77		Flowing					SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
11-8-77	24	32/64	→	192	110	0	573	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
150	0	→	192	110	0	22		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vent Test

TEST WITNESSED BY

Malcomb Combes

35. LIST OF ATTACHMENTS

Mercury Type Tester

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED W. A. MorganTITLE PresidentDATE 11-9-77

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formations and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

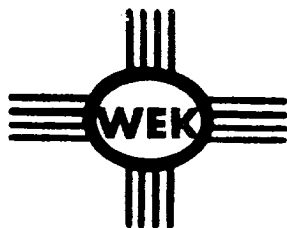
Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool. **Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
No DST's				Rustler Salado Yates San Andres	1420 1532 1892 3041	

RECEIVED

OIL CONSERVATION COMM.
HOBBS, N. M.



KENNETH D. REYNOLDS - ARTESIA
LESLIE K. EVERTSON - ROSWELL

DRILLING CO., INC. - OIL WELL DRILLING CONTRACTORS

P. O. Box 2055 ROSWELL, NEW MEXICO 88201
TELEPHONES: ARTESIA 505/746-6757
ROSWELL 505/623-5070

October 17, 1977

RECEIVED

NOV 10 1977

U.S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

Moroilco Inc.
P.O. Box 1756
Roswell, New Mexico 88201

Re: Miller Fed #1

Gentlemen:

The following is a Deviation Survey of the above well:

410 - 1/4°
900 - 1/2°
1196 - 1/2°
1473 - 1/2°
1970 - 3/4°
2464 - 3/4°

2882 - 1°
3075 - 1°
3393 - 3/4°
3749 - 1/2°
4000 - 1/2° T.D.

Yours very truly,

WEK DRILLING CO., INC.

Arnold Newkirk

STATE OF NEW MEXICO)
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 17th day
of October, 1977 by Arnold Newkirk.

My Commission Expires:

April 9, 1980

Notary Public

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NOV 14 1977

O. G. C.
ARIZONA LIFE INS.

RECEIVED

NOV 14 1977

OIL CONSERVATION COMM
HOBBS, N. M.