

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE*

(See other
instruction
reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR

Wolfson Oil Company

3. ADDRESS OF OPERATOR

3206 Republic Bank Tower Dallas, Texas 75201

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

At surface 2217 FWL & 2310 FNL

At top prod. interval reported below

At total depth

14. PERMIT NO. _____ DATE ISSUED _____

5. LEASE DESIGNATION AND SERIAL NO.

NM 1881.6

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Mountain-Federal

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Tomahawk (San Andres)

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

30; 7-S; 32-E

12. COUNTY OR PARISH

Roosevelt

13. STATE

New Mexico

15. DATE SPUNDED 3-30-79 16. DATE T.D. REACHED 4-7-79 17. DATE COMPL. (Ready to prod.) 5-4-79 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4416 DF 19. ELEV. CASINGHEAD 4406

20. TOTAL DEPTH, MD & TVD 4280 21. PLUG, BACK T.D., MD & TVD 4257 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS 0-4280 CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4097-4158 San Andres 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Welex FORxo, Density, Guard 27. WAS WELL CORED No

28. CASING RECORD (Report all strings in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
<u>8 5/8</u>	<u>23</u>	<u>1785</u>	<u>11</u>	<u>625</u>	<u>None</u>
<u>4 1/2</u>	<u>9.5</u>	<u>4272</u>	<u>7 7/8</u>	<u>325</u>	<u>"</u>

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
<u>None</u>					<u>2</u>	<u>4200</u>	

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
<u>4097-4106 7</u>				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<u>4109-12 3</u>				<u>4097-4158</u>	<u>6500 gals. acid</u>
<u>4121-26 10</u>					
<u>4131-36 10</u>					
<u>4147-56 9</u>					

33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
<u>5-5-79</u>		<u>Pump</u>				<u>Producing</u>	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
<u>5-5-79</u>	<u>24</u>			<u>92</u>	<u>54</u>	<u>0</u>	<u>580</u>
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
			<u>92</u>	<u>54</u>	<u>0</u>	<u>24</u>	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented TEST WITNESSED BY H.G. Freedman

35. LIST OF ATTACHMENTS

Logs

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

SIGNED H.G. Freedman TITLE Prod. Engr. DATE 5-7-79

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

OFFICE OF THE
DIRECTOR OF THE
BUREAU OF LAND MANAGEMENT
WASHINGTON, D.C.

RECEIVED

MAY 15 1979
OIL CO.
BUREAU OF LAND MANAGEMENT

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.), formation 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	TOP MEAS. DEPTH TRUE VERT. DEPTH
Surface	0 1785 2155 3303	1785 2155 3303 4280T.D.	Red Beds Salt, Anhydrite Yates San Andres Dolomite	Rustler Yates San Andres	1785 2155 3303



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

April 11, 1979

Wolfson Oil Company
3206 Republic Bank Tower
Dallas, Texas 75201

Re: Mountain Federal #3

Gentlemen:

The following is a Deviation Survey of the above well located
in Chaves County, New Mexico.

495' - $1\frac{1}{2}^{\circ}$	2600' - 1°
876' - $1\frac{1}{2}^{\circ}$	3035' - 1°
1020' - $1\frac{1}{2}^{\circ}$	3494' - 1°
1497' - $3\frac{3}{4}^{\circ}$	3962' - 1°
1785' - $3\frac{3}{4}^{\circ}$	4280' - 1° T.D.
2102' - 1°	

Yours very truly,

WEK DRILLING CO., INC.

Arnold Newkirk

STATE OF NEW MEXICO)
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 11th day
of April, 1979 by Arnold Newkirk.

My Commission Expires:

April 9, 1980

Notary Public

REMEMBER

MAY 15 1979

GL COMMUNICATIONS
BOSTON, MA

DISTRIBUTION			
SANTA FE			
FILE			
U.S.G.S.			
LAND OFFICE			
TRANSPORTER	OIL		
	GAS		
OPERATOR			
PRORATION OFFICE			

MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-65

Operator Wolfson Oil Company	
Address 3206 Republic Bank Tower Dallas, Texas 75201	
Reason(s) for filing (check proper box) New Well <input type="checkbox"/> Change in Transporter of: Recompletion <input type="checkbox"/> Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> Change in Ownership <input type="checkbox"/> Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>	
Other (Please explain)	

If change of ownership give name and address of previous owner

II. DESCRIPTION OF WELL AND LEASE				
Lease Name Mountain Federal	Well No. 3	Pool Name, including Formation To anawk (San Andres)	Kind of Lease State, Federal or Fee Fed	Lease No. 15016
Location Unit Letter F 2217 Feet From The West Line and 2310 Feet From The North Line of Section 30 Township 7-S Range 32-E, NMPM, Roosevelt County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS						
Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/> Koch	Address (Give address to which approved copy of this form is to be sent) Midland, Texas					
Name of Authorized Transporter of Casinghead Gas <input checked="" type="checkbox"/> or Dry Gas <input type="checkbox"/> Cities Service	Address (Give address to which approved copy of this form is to be sent) Tulsa, Oklahoma					
If well produces oil or liquids, give location of tanks.	Unit G	Sec. 30	Twp. 7-S	Rge. 32-E	Is gas actually connected? No	When May 15, 1979

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA								
Designate Type of Completion - (X)	Oil Well <input checked="" type="checkbox"/>	Gas Well	New Well <input checked="" type="checkbox"/>	Workover	Deepen	Plug Back	Same Res'tv.	Diff. Res'tv.
Date Spudded 3-30-79	Date Compl. Ready to Prod. 5-5-79	Total Depth 3280 4280	P.B.T.D. 4357 4257					
Elevations (DE, RKB, RT, GR, etc.) 4416 DF	Name of Producing Formation San Andres	Top Oil/Gas Pay 1097	Tubing Depth 4200					
Perforations 3097-4158	Depth Casing Shoe 4272							
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE 11 7/8	CASING & TUBING SIZE 8 5/8 4 1/2	DEPTH SET 1785 4272	SACKS CEMENT 625 325					

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL		(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)	
Date First New Oil Run To Tanks 5-5-79	Date of Test 5-5-79	Producing Method (Flow, pump, gas lift, etc.) Pump	
Length of Test 24	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test 92	Oil-Bbls. 92	Water-Bbls. 0	Gas-MCF 54

GAS WELL			
Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (shut-in)	Casing Pressure (shut-in)	Choke Size

VI. CERTIFICATE OF COMPLIANCE		OIL CONSERVATION COMMISSION	
I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.		APPROVED MAY 14 1979	
J. N. Freedman Prod. Engr. (Signature)		BY SUPERVISOR DISTRICT	
5-7-79 (Title)		This form is to be filed in compliance with RULE 1104.	
(Date)		If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.	
		All sections of this form must be filled out completely for allowable on new and recompleted wells.	
		Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.	
		Separate Forms C-104 must be filed for each pool in multiply completed wells.	

RECEIVED

MAY - 8 1979

**OIL CONSERVATION COMM.
MOBIL, N. H.**