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NEW MEXICO OIL CONSERVATION COMMISSION

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DEC 27 1979

O. C. D.

30-005-60629

Form 5-101
Revised 1-1-75

5A. Location Type of Lease
STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Unit Agreement Name
8. Firm or Lease Name
O'Brien
9. Well No.
10. Field and Pool, or Well Unit
Wildcat Devonian
11. County
Chaves
12. Proposed Depth
8,500
13A. Formation
Devonian
13B. Drilling Contractor
WEK Drilling Company
13C. Approx. Date Work will start
12-5-79

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK					
1a. Type of Work					
b. Type of Well					
DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>					
c. Name of Operator					
Flag-Redfern Oil Company					
d. Address of Operator					
P.O. Box 23 Midland, TX 79702					
e. Location of Well					
DRILL LETTER A LOCATED 990 FEET FROM THE North LINE					
AND 990 FEET FROM THE East LINE OF SEC. 25 TWP. 7-S RGE. 29-E N.M. 30					
f. Proposed Depth					
8,500					
g. Formation					
Devonian					
h. Rotary or Casing					
Rotary					
i. Elevation (Show whether DT, RL, etc.)					
GL 4119'					
j. Kind & Status of Bond					
Blanket					
k. Drilling Contractor					
WEK Drilling Company					
l. Approx. Date Work will start					
12-5-79					

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17-1/2	12-3/4"	35	300	350	Circ.
12-1/4	8-5/8	24 & 32	2550'	1200	Circ.
7-7/8	4-1/2	10.5 & 11.6	8500'	260	7500'

Drill 17-1/2" hole to 300'. Run 12-3/4" casing and circulate cement using 350 sx. Class C w/2% CaCl. Drill 12-1/4" hole to 2550'. Run 8-5/8" casing and circulate cement w/1000 sx. Halliburton Lite w/15# salt followed by 200 sx. Class C w/2% CaCl. Drill 7-7/8" hole to 8500'. Run open hole logs. Run 4-1/2" casing to 8500' and cement w/260 sx. Class H Pozmix "A" w/2% gel, 0.75 CFR-2 and 8# salt. Run correlation logs and perforate Devonian. Treat w/acid. Swab to test.

Mud Program:

0-2500 Brine and Native Mud
2550-8500 Controlled brine & gel & oil

Estimated Tops:

San Andres 2319 Mississippian 7359
Abo 5773 Siluro-Devonian 7669
Wolfcamp 6544

FOR 60 DAYS SUCCESS
DRILLING COMMENCED,

Blow out Preventers:

Shaffer 10" Series 900 installed on surface casing.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION ZONE; GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed Chas H. Smedley Title Engineer Date 11-26-79

(This space for State Use)

APPROVED BY W. A. Gressett SUPERVISOR, DISTRICT H DATE DEC 28 1979

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-102
Supersedes O-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator Flag-Redfern Oil Company			Lease O'Brien		Well No. 1
Unit Letter A	Section 25	Township 7-S	Range 29-E	County Chaves	

Actual Location of Well:

990	feet from the	North	line and	990	feet from the	East	line
Ground Level Elev. 4119	Producing Formation Devonian		Pool Wildcat	Dedicated Acreage 40		Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

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ARTESIA, OFFICE

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

John H. Swendig

John H. Swendig

Position
Engineer

Company
Flag-Redfern Oil Co.

Date
November 20, 1979

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

November 19, 1979

Date Surveyed

Registered Professional Engineer and a Land Surveyor

Certificate No.
754



BRUCE KING
GOVERNOR
LARRY KEHOE
SECRETARY

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
ARTESIA DISTRICT OFFICE

P.O. DRAWER DD
ARTESIA, NEW MEXICO 88210
(505) 746-4861

November 21, 1979

Flag-Redfern Oil Company
Post Office Box 23
Midland, Texas 79702

Re: O'Brien
#1-A-25-7-29
Chaves County, NM

Gentlemen:

We are returning the enclosed Form C-101 on the subject well for correction.

Approximately 300' of surface casing will be required as stated in my letter dated November 16, 1979.

Sincerely,

W. A. Gressett
Supervisor, District II

WAG:ar

Encls.