

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐OTHER ☐SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Merrion Oil & Gas Corporation

3. ADDRESS OF OPERATOR

P. O. Box 1017, Farmington, New Mexico 87499

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

At surface

790' FNL and 790' FWL

At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE

12 miles South of Farmington, New Mexico

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

790'

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

2510'

19. PROPOSED DEPTH

5290'

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6071' GL

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24 #/ft., J-55	200	175 sx
7-7/8"	4-1/2"	10.5 #/ft., J-55	5290	975 sx

Will drill 12-1/4" surface hole to 200 ft. and set 200 ft. of 805/8", 24 #/ft, J-55 grade casing with 175 sx Class B cement with 3% CaCl₂. Will drill 7-7/8" hole to 5290 ft. Will run open hole logs. No other testing planned. If well appears productive, will run 5290 ft. of 4-1/2", 10.5#/ft, J-55 grade casing and stage cement. First stage will cement with 225 sx Class H 2% gel (1.22 cu. ft/sk. yield) 275 cu. ft. cement to cover Gallup interval from TD. Estimated top of cement is 4470 ft. Will set stage collar at 4270 ft. below Point Lookout Formation. Second stage will cement with 700 sx Class B 2% D-79 (2.06 cu. ft/sk. yield) 1442 cu. ft. cement. Followed by 100 sx Class H 2% gel (1.22 cu. ft/sk. yield) 122 cu. ft. cement to cover Mesaverde, Chacra, Pictured Cliffs, Fruitland and Ojo Alamo. Estimated top of cement is surface.

Drilling circulating medium will be low solids, non-dispersed, low water loss mud using bentonite, starch, CMC, and fresh water.

Minimum specifications for pressure control is 10", 900 series double ram blow out preventer. Will perforate and stimulate as required for completion.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED [Signature] TITLE Operations Manager

(This space for Federal or State use)

PERMIT NO. _____

APPROVAL DATE _____

APPROVED BY _____

CONDITIONS OF APPROVAL, IF ANY

TITLE _____



NMOCC

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

Operator MERRION OIL & GAS CORPORATION			Lease SULLIVAN "A"		Well No. 2
Unit Letter D	Section 10	Township 26N	Range 12W	County San Juan	
Actual Footage Location of Well: 790 feet from the North line and 790 feet from the West line					
Ground Level Elev: 6071	Producing Formation Gallup		Pool Gallegos Gallup		Dedicated Acreage: 160 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. 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?

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

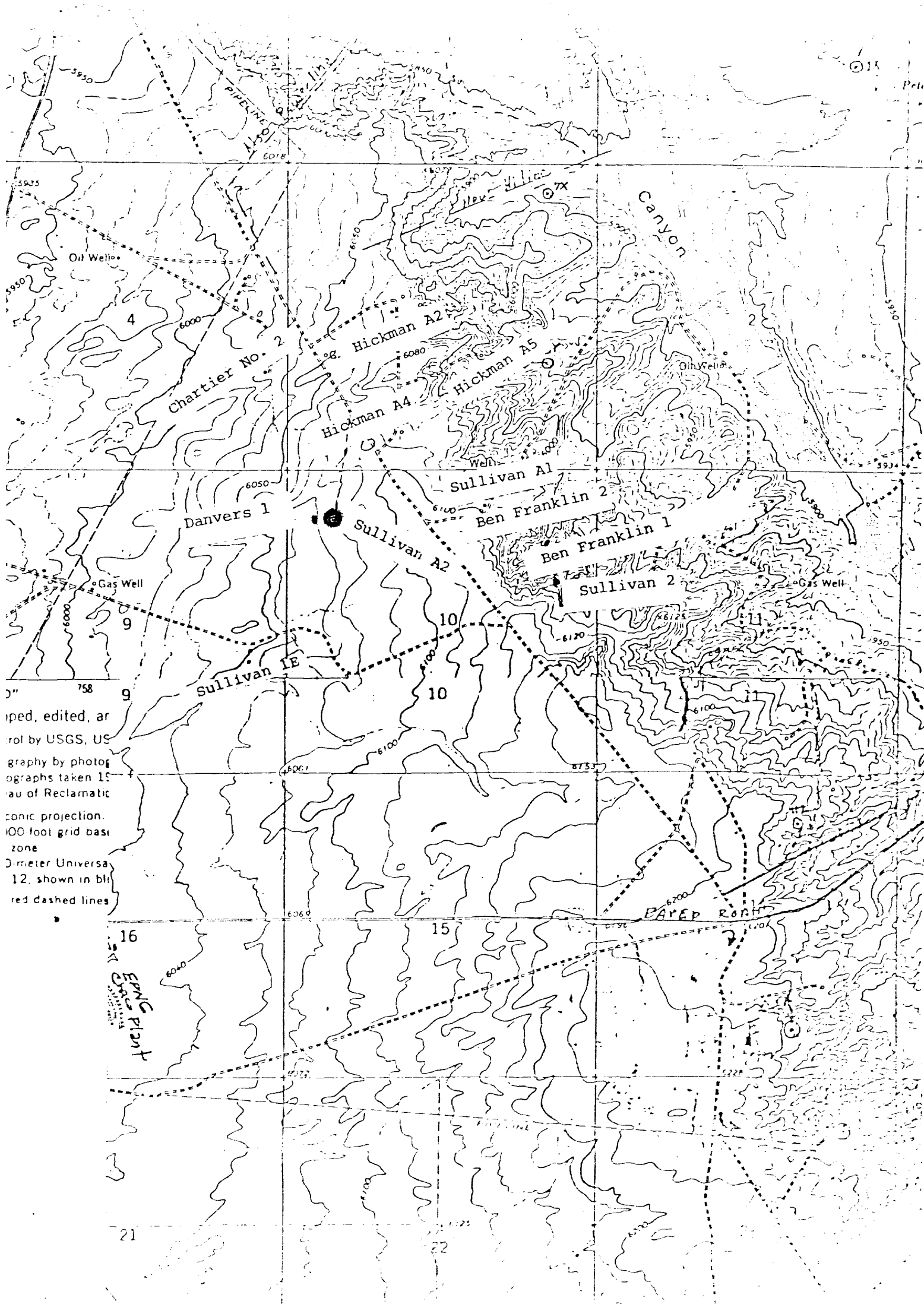
If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

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.

	Sec.	<p>RECEIVED MAR 28 1984 BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA</p>
	SF 080384	
	10	<p>RECEIVED JUN 14 1984 OIL CON. DIV. DIST. 3</p>

Scale: 1"=1000'

CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
Name	<i>Steve S. Dunn</i>
Position	Steve S. Dunn
Operations Manager	
Company	Merrion Oil & Gas Corporation
Date	3/2/84
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.	
Date Surveyed	February 17, 1984
Registered Professional Engineer and Land Surveyor	<i>Fred B. Kerr Jr.</i>
Certificate No.	3950



Map, edited, and
control by USGS, US
topography by photogrammetry
photographs taken 1954
Bureau of Reclamation
conic projection.
100 foot grid base
zone
Datum Universal
12, shown in blue
red dashed lines

16
EPAC Plant

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form Approved.
Budget Bureau No. 42-R1424

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ gas ☐
well well other

2. NAME OF OPERATOR
Merrion Oil & Gas Corporation

3. ADDRESS OF OPERATOR
P. O. Box 1017, Farmington, New Mexico 87499

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 790' FNL and 790' FWL
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other) Spud, Surface Casing			

5. LEASE
SF 080384

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Sullivan A

9. WELL NO.
2

10. FIELD OR WILDCAT NAME
Gallegos Gallup

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA
Sec. 10, T26N, R12W

12. COUNTY OR PARISH | 13. STATE
San Juan Co. | New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6071' GL

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Spud 6/26/84.

Set 5 joints 8-5/8", 24 #/ft surface casing @ 225' KB with 170 sx (350.2 cu. ft.) Class B cement.

Circulated 3 Bbls cement to surface.

Pressure tested casing to 600 PSI for 10 minutes. Held OK.

RECEIVED
JUL 12 1984

RECEIVED
JUN 29 1984

OIL CON. DIV.
DIST. 3

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

Subsurface Safety Valve: Manu. and Type

DIST. 3

Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Operations Manager DATE 6/28/84

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE

ACCEPTED FOR RECORD
DATE

JUL 10 1984

FARMINGTON RESOURCE AREA

BY SMW

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ well ☐ gas well ☐ other

2. NAME OF OPERATOR
Merrion Oil & Gas Corporation

3. ADDRESS OF OPERATOR
P. O. Box 1017, Farmington, New Mexico 87499

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 790' FNL and 790' FWL
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) TD, Casing

SUBSEQUENT REPORT OF:

☐
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RECEIVED

JUL 31 1984

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

TD 5290' KB 7/2/84.

Set 135 joints 4.5", 10.5 #/ft casing @ 5283' KB with 225 sx (274.5 cu. ft.)
Class H 2% gel. 700 sx (1442 cu. ft.) Class B 2% D-79, 100 sx (206 cu. ft.)
Class H 2% gel.

Wilson Service ran temperature survey - top of cement - 600'.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Alvin Sub TITLE Operations Manager DATE 7/3/84

(This space for Federal or State office use)

ACCEPTED FOR RECORD

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

AUG 15 1984

NMOCC

FARMINGTON RESOURCE AREA

*See Instructions on Reverse Side RY SM

MERRION OIL & GAS CORPORATION

Sullivan A2

Sec. 10, T26N, R12W
San Juan Co., New Mexico

SLOPE TESTS

Depth

Hole Deviation

233	3/4
728	1
1237	2-1/2
1340	1-1/2
1479	1-1/2
1896	3/4
2428	1
2924	1-1/2
3436	1-1/2
3960	1-1/2
4460	1-1/4
4952	3/4
5290	1

State of New Mexico)
County of San Juan) ss

RECEIVED
JUL 26 1984
N.M. DIV. 1
DIST. 3

I, Steve S. Dunn, being first duly sworn, depose and state that the above and foregoing depth and hole deviation figures are true and correct to the best of my information and belief.

Subscribed and sworn before me this 30th day of July, 1984.

Rolanda Strange
Notary Public

My Commission Expires October 28, 1985

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

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Merrion Oil & Gas Corporation
3. ADDRESS OF OPERATOR
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REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON* ☐

(other) PBTD, First Production

SUBSEQUENT REPORT OF:

RECEIVED

SEP 06 1984

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

PBTD - 5242' KB
First Production 7/28/84

RECEIVED

SEP 14 1984

OIL CON. DIV.
DIST. 3

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED John A. Sub TITLE Operations Manager DATE _____

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

SEP 12 1984

*See Instructions on Reverse Side

FARMINGTON RESOURCE AREA

BY SM

11/10/00