

Neal #3

APPLICATION FOR AUTHORIZATION TO INJECT

- I. Purpose: ☒ Secondary Recovery ☐ Pressure Maintenance ☐ Disposal ☐ Storage
Application qualifies for administrative approval? ☐ yes ☐ no
- II. Operator: Burk Royalty Co.
Address: P. O. Box BRC, Wichita Falls, Texas 76307
Contact party: Charles Gibson Phone: 940/322-5421
- III. Well data: Complete the data required on the reverse side of this form for each well proposed for injection. Additional sheets may be attached if necessary.
- IV. Is this an expansion of an existing project? ☐ yes ☒ no
If yes, give the Division order number authorizing the project _____
- V. Attach a map that identifies all wells and leases within two miles of any proposed injection well with a one-half mile radius circle drawn around each proposed injection well. This circle identifies the well's area of review.
- * VI. Attach a tabulation of data on all wells of public record within the area of review which penetrate the proposed injection zone. Such data shall include a description of each well's type, construction, date drilled, location, depth, record of completion, and a schematic of any plugged well illustrating all plugging detail.
- VII. Attach data on the proposed operation, including:
1. Proposed average and maximum daily rate and volume of fluids to be injected;
 2. Whether the system is open or closed;
 3. Proposed average and maximum injection pressure;
 4. Sources and an appropriate analysis of injection fluid and compatibility with the receiving formation if other than reinjected produced water; and
 5. If injection is for disposal purposes into a zone not productive of oil or gas at or within one mile of the proposed well, attach a chemical analysis of the disposal zone formation water (may be measured or inferred from existing literature, studies, nearby wells, etc.).
- *VIII. Attach appropriate geological data on the injection zone including appropriate lithologic detail, geological name, thickness, and depth. Give the geologic name, and depth to bottom of all underground sources of drinking water (aquifers containing waters with total dissolved solids concentrations of 10,000 mg/l or less) overlying the proposed injection zone as well as any such source known to be immediately underlying the injection interval.
- IX. Describe the proposed stimulation program, if any.
- * X. Attach appropriate logging and test data on the well. (If well logs have been filed with the Division they need not be resubmitted.)
- * XI. Attach a chemical analysis of fresh water from two or more fresh water wells (if available and producing) within one mile of any injection or disposal well showing location of wells and dates samples were taken.
- XII. Applicants for disposal wells must make an affirmative statement that they have examined available geologic and engineering data and find no evidence of open faults or any other hydrologic connection between the disposal zone and any underground source of drinking water.
- XIII. Applicants must complete the "Proof of Notice" section on the reverse side of this form.
- XIV. Certification

I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

Name: Charles Gibson Title: Petroleum Engineer

Signature:  Date: 7-7-99

- * If the information required under Sections VI, VIII, X, and XI above has been previously submitted, it need not be duplicated and resubmitted. Please show the date and circumstance of the earlier submittal.

NEW MEXICO
OIL CONSERVATION DIVISION
EXHIBIT
CASE NO. 4

III. WELL DATA

A. The following well data must be submitted for each injection well covered by this application. The data must be both in tabular and schematic form and shall include:

- (1) Lease name; Well No.; location by Section, Township, and Range; and footage location within the section. Neal #3, 35-T20S, R34E 330' FNL & 990' FEL
- (2) Each casing string used with its size, setting depth, sacks of cement used, hole size, top of cement, and how such top was determined.
- (3) A description of the tubing to be used including its size, lining material, and setting depth. 2 3/8" EUE Tubing, plastic coated 3,532'
- (4) The name, model, and setting depth of the packer used or a description of any other seal system or assembly used. Totem Tension at 3,532'

Division District offices have supplies of Well Data Sheets which may be used or which may be used as models for this purpose. Applicants for several identical wells may submit a "typical data sheet" rather than submitting the data for each well.

B. The following must be submitted for each injection well covered by this application. All items must be addressed for the initial well. Responses for additional wells need be shown only when different. Information shown on schematics need not be repeated.

- (1) The name of the injection formation and, if applicable, the field or pool name. Yates Formation - Lynch Pool
- (2) The injection interval and whether it is perforated or open-hole. 3,590'-3,610'; 3,703'-3,717' perforated
- (3) State if the well was drilled for injection or, if not, the original purpose of the well. Well was drilled originally as an oil well.
- (4) Give the depths of any other perforated intervals and detail on the sacks of cement or bridge plugs used to seal off such perforations. N/A
- (5) Give the depth to and name of the next higher and next lower oil or gas zone in the area of the well, if any. None above, Seven River below 3,740'

XIV. PROOF OF NOTICE

All applicants must furnish proof that a copy of the application has been furnished, by certified or registered mail, to the owner of the surface of the land on which the well is to be located and to each leasehold operator within one-half mile of the well location.

Where an application is subject to administrative approval, a proof of publication must be submitted. Such proof shall consist of a copy of the legal advertisement which was published in the county in which the well is located. The contents of such advertisement must include:

- (1) The name, address, phone number, and contact party for the applicant;
- (2) the intended purpose of the injection well; with the exact location of single wells or the section, township, and range location of multiple wells;
- (3) the formation name and depth with expected maximum injection rates and pressures; and
- (4) a notation that interested parties must file objections or requests for hearing with the Oil Conservation Division, P. O. Box 2088, Santa Fe, New Mexico 87501 within 15 days.

NO ACTION WILL BE TAKEN ON THE APPLICATION UNTIL PROPER PROOF OF NOTICE HAS BEEN SUBMITTED.

NOTICE: Surface owners or offset operators must file any objections or requests for hearing of administrative applications within 15 days from the date this application was mailed to them.

✓

[illegible]

NEAL #3 AREA OF REVIEW

WELL NAME	WELL TYPE	DATE DRILLED	LOCATION	DEPTH	RECORD OF COMPLETION
Cruces #3	Oil	7-18-57	Sec. 26, 330' FSL & 1,655' FWL	3,730'	Attached
Cruces #4	Oil	7-15-59	Sec. 26, 330' FSL & 2,316' FEL	3,750'	Attached
Cruces #5	D&A	11-7-59	Sec. 26, 330' FSL & 992' FEL	3,760'	--
Hanson Fed #1	D&A	6-23-59	Sec. 25, 330" FSL & FWL	3,863'	--
Federal "C" #1	P&A	5-18-74	Sec. 35, 660' FNL & 1,980' FWL	15,080'	Attached
Milner #4	Oil	1-26-54	Sec. 35, 990' FNL & 1,650' FWL	3,736'	Attached
Neal #1	Oil	4-5-59	Sec. 35, 467' FNL & 2,315' FEL	3,752'	Attached
Neal #2	Oil	7-15-59	Sec. 35, 1,650' FNL & 2,316' FEL	3,819'	Attached
Neal #3	Oil	6-9-59	Sec. 35, 330' FNL & 993' FEL	3,805'	Attached
Neal #4	Oil	7-29-59	Sec. 35, 1,650' FNL & 900' FEL	3,822'	Attached
Neal et al #2	D&A	10-28-59	Sec. 35, 2,260' FSL & 992' FEL	3,825'	--
Lynch State #1	D&A	10-13-81	Sec. 36, 1,980' FNL & 660' FWL	3,878'	--

X

NEAL #3 PROPOSED INJECTION WELL OPERATIONS

1. Proposed Average Daily Rate
250 barrels water per day

Maximum Daily Rate
750 barrels water per day
2. The system is closed.
3. Proposed Average Injection Pressure
1000#

Proposed Maximum Injection Pressure
1500#
4. The source of injection fluid will be Yates Sand (Neal Lease) and Seven Rivers (Milner Lease). Analysis attached.
5. The injection zone is the Yates Sand. The field name is Lynch Field. It is Upper Permian in age. The top of the Yates in the Neal #3 is at 3,590' (136') with a thickness of 34'. There are no underground sources of drinking water below the Yates. Above the Yates, the Quaternary alluvium to a depth of 80' is the only source of groundwater in the area.
6. The well is currently classified as disposal. We do not plan to stimulate the well.
7. The logs are attached.
8. There are no fresh water wells within one mile of the proposed injection well.
9. I have examined public records and find no evidence of open faults or any other hydrologic connection between the injection zone and any underground source of drinking water.

H & H Chemical Enterprises

WATER ANALYSIS REPORT

SAMPLE

Oil Co. : Burk Royalty
Lease : Cruces
Well No.: # 4
Analysis:

Sample Loc. : Wellhead
Date Sampled : 13-September-1994
Attention :

ANALYSIS

1. pH 7.320
2. Specific Gravity 60/60 F. 1.045
3. CaCO₃ Saturation Index @ 80 F. +0.933
@ 140 F. +1.853

Dissolved Gasses

- | | MG/L | EQ. WT. | *MEQ/L |
|---------------------|----------------|---------|--------|
| 4. Hydrogen Sulfide | 800 | | |
| 5. Carbon Dioxide | 0 | | |
| 6. Dissolved Oxygen | Not Determined | | |

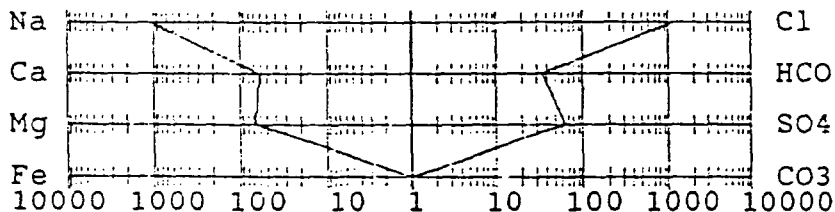
Cations

- | | | | | |
|--------------|---------------------|---------------------|----------|----------|
| 7. Calcium | {Ca ⁺⁺ } | 1,202 | / 20.1 = | 59.80 |
| 8. Magnesium | {Mg ⁺⁺ } | 790 | / 12.2 = | 64.75 |
| 9. Sodium | {Na ⁺ } | (Calculated) 25,294 | / 23.0 = | 1,099.74 |
| 10. Barium | {Ba ⁺⁺ } | Not Determined | | |

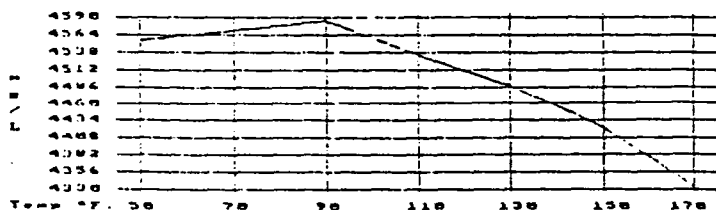
Anions

- | | | | | |
|---|----------------------------------|------------|----------|----------|
| 11. Hydroxyl | {OH ⁻ } | 0 | / 17.0 = | 0.00 |
| 12. Carbonate | {CO ₃ ²⁻ } | 0 | / 30.0 = | 0.00 |
| 13. Bicarbonate | {HCO ₃ ⁻ } | 2,055 | / 61.1 = | 33.63 |
| 14. Sulfate | {SO ₄ ²⁻ } | 3,050 | / 48.8 = | 62.50 |
| 15. Chloride | {Cl ⁻ } | 39,991 | / 35.5 = | 1,126.51 |
| 16. Total Dissolved Solids | | 72,382 | | |
| 17. Total Iron (Fe) | | 8 | / 18.2 = | 0.44 |
| 18. Total Hardness As CaCO ₃ | | 6,256 | | |
| 19. Resistivity @ 75 F. (Calculated) | | 0.139 /cm. | | |

LOGARITHMIC WATER PATTERN *meq/L.



Calcium Sulfate Solubility Profile



PROBABLE MINERAL COMPOSITION				
COMPOUND	EQ. WT.	X	*meq/L =	mg/L.
Ca(HCO ₃) ₂	81.04		33.63	2,726
CaSO ₄	68.07		26.17	1,781
CaCl ₂	55.50		0.00	0
Mg(HCO ₃) ₂	73.17		0.00	0
MgSO ₄	60.19		36.33	2,187
MgCL ₂	47.62		28.42	1,353
NaHCO ₃	84.00		0.00	0
NaSO ₄	71.03		0.00	0
NaCl	58.46	1,098.09		64,194

*Milli Equivalents per Liter

This water is mildly corrosive due to the pH observed on analysis.
The corrosivity is increased by the content of mineral salts, and the presence of H₂S, CO₂, Oxygen in solution.

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H & H Chemical Enterprises

WATER ANALYSIS REPORT

SAMPLE

Oil Co. : Burk Royalty
Lease : Milner Federal
Well No.: # 4 SWD
Analysis:

Sample Loc. : Wellhead
Date Sampled : 13-September-1994
Attention :

ANALYSIS

1. pH 6.980
2. Specific Gravity 60/60 F. 1.009
3. CaCO₃ Saturation Index @ 80 F. +0.539
@ 140 F. +1.449

Dissolved Gasses

4. Hydrogen Sulfide
5. Carbon Dioxide
6. Dissolved Oxygen

MG/L EQ. WT. *MEQ/L

350
300
0.2

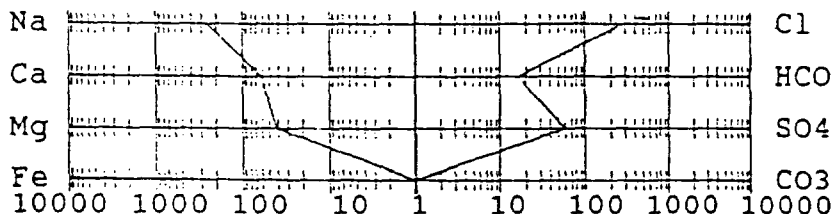
Cations

7. Calcium (Ca⁺⁺) 1,202 / 20.1 = 59.80
8. Magnesium (Mg⁺⁺) 486 / 12.2 = 39.84
9. Sodium (Na⁺) (Calculated) 5,860 / 23.0 = 254.78
10. Barium (Ba⁺⁺) Not Determined

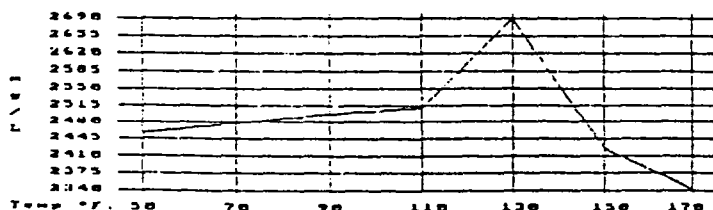
Anions

11. Hydroxyl (OH⁻) 0 / 17.0 = 0.00
12. Carbonate (CO₃²⁻) 0 / 30.0 = 0.00
13. Bicarbonate (HCO₃⁻) 952 / 61.1 = 15.58
14. Sulfate (SO₄²⁻) 2,750 / 48.8 = 56.35
15. Chloride (Cl⁻) 9,998 / 35.5 = 281.63
16. Total Dissolved Solids 21,248
17. Total Iron (Fe) 1 / 18.2 = 0.03
18. Total Hardness As CaCO₃ 5,004
19. Resistivity @ 75 F. (Calculated) 0.308 /cm.

LOGARITHMIC WATER PATTERN *meq/L.



Calcium Sulfate Solubility Profile



PROBABLE MINERAL COMPOSITION				
COMPOUND	EQ. WT.	X	*meq/L	= mg/L.
Ca(HCO ₃) ₂	81.04		15.58	1,263
CaSO ₄	68.07		44.22	3,010
CaCl ₂	55.50		0.00	0
Mg(HCO ₃) ₂	73.17		0.00	0
MgSO ₄	60.19		12.13	730
MgCl ₂	47.62		27.70	1,319
NaHCO ₃	84.00		0.00	0
NaSO ₄	71.03		0.00	0
NaCl	58.46		253.93	14,845

*Milli Equivalents per Liter

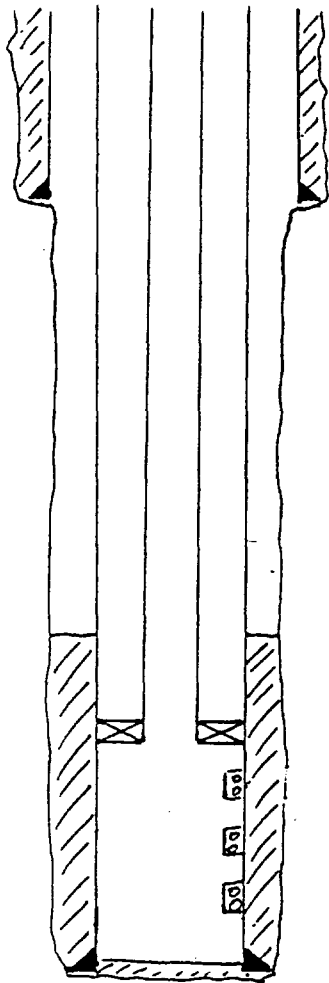
This water is slightly corrosive due to the pH observed on analysis. The corrosivity is increased by the content of mineral salts, and the presence of H₂S, CO₂, Oxygen in solution.

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NEAL #3 INSURED PERMIT APPLICATION
TZDS, R345, SECTION 35
330' FNL, 990' FSL

7-7-99

CHARLES GIBBS



TOP OF CEMENT: SURFACE (CIRCULATED)

8 5/8" CASING CEMENTED @ 190' W/100 SK

TOP OF CEMENT: 3148' (TEMP LOG)

2 3/8" INTERMEDIATE CEMENTED TO 3532'

2 3/8" x 5 1/2" TENSION PULLER @ 3532'

5 1/2" CASING CEMENTED @ 3804' W/200 SK
TD: 3805'

NOTICE OF INTENTION TO DRILL

Notice must be given to the District Office of the Oil Conservation Commission and approval obtained before drilling or recompletion begins. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the sender. Submit this notice in QUINTUPPLICATE. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission.

If State Land submit 6 Copies Attach Form C-128 in triplicate to first 3 copies of form C-101

Hobbs New Mexico

June 5, 1959

(Place)

(Date)

OIL CONSERVATION COMMISSION
SANTA FE, NEW MEXICO

Gentlemen:

You are hereby notified that it is our intention to commence the Drilling of a well to be known as

BURK ROYALTY COMPANY

(Company or Operator)

Keal

(Lease)

Well No. **3** in **A** The well is

located **130** feet from the **North** line and **993** feet from the

East line of Section **35**, T. **20**, R. **34**, NMPM.

(GIVE LOCATION FROM SECTION LINE) **Lynch** Pool, **Las** County

If State Land the Oil and Gas Lease is No.

If patented land the owner is **Patented** **Keal**

Address

We propose to drill well with drilling equipment as follows: **Rotary**

The status of plugging bond is **\$10,000 active** **Blanket**

Drilling Contractor **Alan Drilling Co.**
Wichita Falls, Texas

We intend to complete this well in the **Yates** formation at an approximate depth of **3850'** feet.

CASING PROGRAM

We propose to use the following strings of Casing and to cement them as indicated:

Size of Hole	Size of Casing	Weight per Foot	New or Second Hand	Depth	Sacks Cement
11"	8-5/8"	24#	N	175'	150 ax circ
7-7/8"	5-1/2"	11#	N	TD 3850'	*

If changes in the above plans become advisable we will notify you immediately.

ADDITIONAL INFORMATION (If recompletion give full details of proposed plan of work.)

* Will use 275 ax or return cement to back past the base of salt by temperature survey

C-128 attached JUN 8 1959

Approved....., 19.....
Except as follows:

OIL CONSERVATION COMMISSION

ORIGINAL & THREE COPIES

By.....
SIGNED BY.....
ENGINEER DISTRICT No. 1

Sincerely yours,

BURK ROYALTY COMPANY

(Company or Operator)

By.....

Agent

Position.....

Send Communications regarding well to

Name..... **A. J. Whelan 800 Oil & Gas Bldg.**

Address..... **Wichita Falls, Texas**

NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

Name of Company Burk Royalty Co.		Address 800 Oil & Gas Bldg. Wichita Falls, Tex.					
Lease Neal	Well No. 3	Unit Letter A	Section 35	Township 20	Range 34		
Date Work Performed 6/9/59	Pool Lynch			County Lee			

THIS IS A REPORT OF: (Check appropriate block)

- ☒ Beginning Drilling Operations ☐ Casing Test and Cement Job ☐ Other (Explain):
☐ Plugging ☐ Remedial Work

Detailed account of work done, nature and quantity of materials used, and results obtained.

Ran and set 190' of 8-5/8" csg (seamless) 29# w/100 sz cement circulated**Tested w/600# pressure Tested OK**

Witnessed by	Position	Company
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FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION

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

Approved by

Name

Title

Position

Date

Company

Agent
Burk Royalty Company

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NEW MEXICO OIL CONSERVATION COMMISSION

FORM C-103
(Rev 3-55)

MISCELLANEOUS REPORTS ON WELLS

(Submit to appropriate District Office as per Commission Rule 1106)

Name of Company Burk Royalty Company		Address 800 Oil & Gas Bldg. Wichita Falls, Tex.					
Lease Reel	Well No. 9	Unit Letter A	Section 35	Township 20	Range 34		
Date Work Performed 6/17/59	Pool Lynch	County Log					

THIS IS A REPORT OF: (Check appropriate block)

- ☐ Beginning Drilling Operations ☒ Casing Test and Cement Job ☐ Other (Explain):
☐ Plugging ☐ Remedial Work **5-1/2"**

Detailed account of work done, nature and quantity of materials used, and results obtained.

5-1/2" 11/8 casing set at 3204' w/200 BK cement, cement returned past base of salt by temperature survey, Tested 600# pressure, tested OK

Witnessed by A. J. Whelan	Position Drlg Supt	Company Same
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FILL IN BELOW FOR REMEDIAL WORK REPORTS ONLY

ORIGINAL WELL DATA

D F Elev.	T D	P B T D	Producing Interval	Completion Date
Tubing Diameter	Tubing Depth	Oil String Diameter	Oil String Depth	
Perforated Interval(s)				
Open Hole Interval		Producing Formation(s)		

RESULTS OF WORKOVER

Test	Date of Test	Oil Production BPD	Gas Production MCFPD	Water Production BPD	GOR Cubic feet/Bbl	Gas Well Potential MCFPD
Before Workover						
After Workover						

OIL CONSERVATION COMMISSION		I hereby certify that the information given above is true and complete to the best of my knowledge.	
Approved by 	Name Agent		
Title	Position Burk Royalty Company		
Date	Company		

REQUEST FOR (OIL) - (GAS) ALLOWABLE

New Well
Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Kobbs, E. H. **6/30/59**

(Place) (Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

BURK ROYALTY CO. **Real** (Company or Operator), Well No. **3**, in **EE** $\frac{1}{4}$ **EE** $\frac{1}{4}$,
Unit **A**, Sec. **35**, T. **20**, R. **34**, NMPM., **Lynch** Pool

Lea County. Date Spudded **6/9/59** Date Drilling Completed **6/22/59**

Please indicate location:

D	C	B	A
E	F	G	H
L	K	J	I
M	N	O	P

330' fr H & 990' fr E

Tubing, Casing and Cementing Record

Size	Feet	Sax
8-5/8"	190	100
5-1/2"	set at 3804'	
2" tbg at 3693	w/200	

Elevation **3726 GL** Total Depth **3805** PSTD
Top Oil/Gas Pay **3703** Name of Prod. Form. **Yates**

PRODUCING INTERVAL -

Perforations **3703-3714 w/ 24 shots**
Open Hole Depth **3804** Depth **3673**
Casing Shoe Tubing

OIL WELL TEST -

Natural Prod. Test: **38** bbls. oil, **0** bbls water in **24** hrs, **3703** Choke min. Size
Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): bbls. oil, bbls water in hrs, min. Size

GAS WELL TEST -

Natural Prod. Test: MCF/Day; Hours flowed Choke Size
Method of Testing (pitot, back pressure, etc.):
Test After Acid or Fracture Treatment: MCF/Day; Hours flowed
Choke Size Method of Testing:

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): **None**

Casing **704** Tubing **-** Date first new **6/22/59**
Press. **704** Press. **-** oil run to tanks

Oil Transporter **Texas New Mexico Pipe Line Co.**

Gas Transporter **None**

Remarks:

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

Approved: **116** **350**, 19

Burk Royalty Company

(Company or Operator)

OIL CONSERVATION COMMISSION

By: **John Smith**

(Signature)

Agent

Title

Send Communications regarding well to:

A. J. Whalen Burk Royalty Co.

Name

Address **600 Oil & Gas Bldg., Wichita Falls, Tex.**

By: **[Signature]**

Title

DRILLER'S LOG
NEAL # 3
IN LEA COUNTY, NEW MEXICO
6-26-59

Well Commenced: 6-9-59
Well Completed: 6-18-59

0-33'	Surface sand & Shale
38-200'	Sand, Shale, & Lime
200-673'	Shale
673-1265'	Shale & Sand
1265-1350'	Shale
1350-1468'	Shale & Lime Stks.
1468-1501'	Shale
1501-1651'	Shale
1651-1857'	Lime & Shale
1857-1962'	Shale & Lime Stks.
1962-2173'	Shale
2173-2185'	Lime
2185-2292'	Shale
2292-2315'	Shale & Lime Stks.
2315-2406'	Shale - Potash
2406-2413'	Shale - Potash & Lime Stks.
2413-2510'	Shale & Potash
2510-2590'	Salt, Shale, Potash
2590-2601'	Lime & Shale
2601-2896'	Shale & Salt
2896-2957'	Salt & Shale
2957-3008'	Shale & Potash
3008-3202'	Salt & Lime Stks.
3202-3221'	Lime
3221-3225'	Shale & Salt
3225-3280'	Shale
3280-3400'	Salt & Shale
3400-3416'	Anhydrite
3416-3439'	Lime & Anhydrite
3439-3518'	Lime
3518-3523'	Lime
3523-3557'	Lime
3557-3576'	Lime
3576-3606'	Sand
3606-3611'	Coring sand
3611-3805'	Coring sand
3805'	TD

NO. OF COPIES RECEIVED		
DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

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 "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER: Water Disposal		7. Unit Agreement Name
2. Name of Operator Burk Royalty Co.		8. Farm or Lease Name NEAL
3. Address of Operator 800 Oil & Gas Building, Wichita Falls, Texas 76301		9. Well No. 3
4. Location of Well UNIT LETTER A 330 FEET FROM THE North LINE AND 990 FEET FROM THE East LINE, SECTION 35 TOWNSHIP 20 RANGE 34 N.M.P.M.		10. Field and Pool, or Wildcat Lynch
15. Elevation (Show whether DF, RT, GR, etc.) 3729.5 GR		12. County Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input checked="" type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER <input type="checkbox"/>

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

Permit to use as disposal well granted March 17, 1972.
Case #4679 Order #R-4283

4-3-74 pulled 143 5/8 rods and layed down, pulled 119 joints 2 3/8 EUE tubing.
Reran 119 joints 2-3/8 EUE plastic coated tubing with Totem tension packer.
Set packer at 3630. Well ready for injection.

4-5-74 Started Injection

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

SIGNED Jon A. Bear TITLE Engineer DATE November 20, 1974

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

LANDOWNER AND LEASEHOLD OPERATORS

LANDOWNER

Dan & Ron Berry
P. O. Box 67
Eunice, New Mexico 88231
Certified Mail #Z 240 122 239

LEASEHOLD OPERATORS

Shell Western Exploration & Production
Box 576
Houston, Texas 77001
Certified Mail #Z 240 122 240

Nearburg Producing Company
1819 North Turner
Hobbs, New Mexico 88240
Certified Mail #Z 240 122 241

Phillips Petroleum Company
4001 Penbrook
Odessa, Texas 7962
Certified Mail #Z 240 122 242

BTA Oil Producers
104 South Pecos
Midland, Texas 79701
Certified Mail #Z 240 122 243

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