

District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

RECEIVED Form C-101
March 4, 2004

AUG 05 2004
Submit to appropriate District Office
District I - 6 Copies
District II - 5 Copies

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address BK EXPLORATION CORP 10159 E 11TH STE 401 TULSA, OK 74128-3028		² OGRID Number 2433
		³ API Number 30-015-33545
⁴ Property Code 026138	⁵ Property Name PARDUE "34"	⁶ Well No. 4

⁷ Surface Location

UL or lot no. C	Section 34	Township 23-S	Range 28-E	Lot Idn	Feet from the 540	North/South line NORTH	Feet from the 2100	East/West line WEST	County EDDY
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⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
⁹ Proposed Pool 1 15011 CULEBRA BLUFF BONE SPRING, S.					¹⁰ Proposed Pool 2 40350 LOVING BRUSHY CANYON, E.				

Drilling Pit Location and Other Information

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Depth to ground water 25'				Distance from nearest fresh water well 1570' TO SW		Distance from nearest surface water CANAL 300' TO N			
¹¹ Work Type Code N		¹² Well Type Code O		¹³ Cable/Rotary R		¹⁴ Lease Type Code P		¹⁵ Ground Level Elevation 3053	
¹⁶ Multiple N		¹⁷ Proposed Depth 6600		¹⁸ Formation BONE SPRING		¹⁹ Contractor UNKNOWN		²⁰ Spud Date 9-1-2004	

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
12.25"	8.625"	24	0-450'	300	SURFACE
7.875"	5.5"	15.5	0-6600'	600	2500'

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Drill with fresh mud to 450'. Set 8.625" csg., cement, then WOC. Drill with cut brine to 6600'. Set 5.5" csg., cement, then WOC. Run cased logs, then test for oil production.

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOCD guidelines ☒ a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Signature: **Brad D. Burks**

Printed name: **BRAD D. BURKS**

Title: **PRESIDENT**

E-mail Address:

Date: **8-4-2004**

Phone: **910-582-3855**

OIL CONSERVATION DIVISION

Approved by:

TIM W. GUM
DISTRICT II SUPERVISOR

Title:

Approval Date:

AUG 06 2004

Expiration Date: **AUG 06 2005**

Conditions of Approval:

Attached ☐

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Energy Minerals and Natural Resources

Oil Conservation Division
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Santa Fe, NM 87505

Form C-144
March 12, 2004

For drilling and production facilities, submit to appropriate NMOCD District Office.
For downstream facilities, submit to Santa Fe office

Pit or Below-Grade Tank Registration or Closure

Is pit or below-grade tank covered by a "general plan"? Yes ☐ No ☒

Type of action: Registration of a pit or below-grade tank ☒ Closure of a pit or below-grade tank ☐

BK EXPLORATION CORP

Operator: **10159 E 11TH STE 401** Telephone: **918-582-3855** e-mail address: _____

Address: **TULSA, OK 74128-3028**

Facility or well name: **PARDUE "34" #4** API #: **30-015-** U/L or Qtr/Qtr **C** Sec **34** T **23S** R **28E**

County: **EDDY** Latitude **N32°16'02.6"** Longitude **W104°04'36.6"** NAD: 1927 ☐ 1983 ☐ Surface Owner Federal ☐ State ☐ Private ☒ Indian ☐

Pit Type: Drilling <input checked="" type="checkbox"/> Production <input type="checkbox"/> Disposal <input type="checkbox"/> Workover <input type="checkbox"/> Emergency <input type="checkbox"/> Lined <input checked="" type="checkbox"/> Unlined <input type="checkbox"/> Liner type: Synthetic <input checked="" type="checkbox"/> Thickness 12 mil Clay <input type="checkbox"/> Volume 8000 bbl	Below-grade tank Volume: _____ bbl Type of fluid: _____ Construction material: _____ Double-walled, with leak detection? Yes <input type="checkbox"/> If not, explain why not: _____									
Depth to ground water (vertical distance from bottom of pit to seasonal high water elevation of ground water.) 25' TO SALT WATER IN NW/4 SW/4 SEC. 34	<table border="1"><tr><td>Less than 50 feet</td><td>SALT WATER</td><td>(20 points)</td></tr><tr><td>50 feet or more, but less than 100 feet</td><td></td><td>(10 points)</td></tr><tr><td>100 feet or more</td><td></td><td>(0 points)</td></tr></table>	Less than 50 feet	SALT WATER	(20 points)	50 feet or more, but less than 100 feet		(10 points)	100 feet or more		(0 points)
Less than 50 feet	SALT WATER	(20 points)								
50 feet or more, but less than 100 feet		(10 points)								
100 feet or more		(0 points)								
Wellhead protection area: (Less than 200 feet from a private domestic water source, or less than 1000 feet from all other water sources.)	<table border="1"><tr><td>Yes</td><td>(20 points)</td></tr><tr><td>No</td><td>(0 points)</td></tr></table>	Yes	(20 points)	No	(0 points)					
Yes	(20 points)									
No	(0 points)									
Distance to surface water: (horizontal distance to all wetlands, playas, irrigation canals, ditches, and perennial and ephemeral watercourses.) CONCRETE IRRIGATION CANAL 300' TO NORTH	<table border="1"><tr><td>Less than 200 feet</td><td>(20 points)</td></tr><tr><td>200 feet or more, but less than 1000 feet</td><td>(10 points)</td></tr><tr><td>1000 feet or more</td><td>(0 points)</td></tr></table>	Less than 200 feet	(20 points)	200 feet or more, but less than 1000 feet	(10 points)	1000 feet or more	(0 points)			
Less than 200 feet	(20 points)									
200 feet or more, but less than 1000 feet	(10 points)									
1000 feet or more	(0 points)									
Ranking Score (Total Points)										

If this is a pit closure: (1) attach a diagram of the facility showing the pit's relationship to other equipment and tanks. (2) Indicate disposal location:

onsite ☐ offsite ☐ If offsite, name of facility _____ (3) Attach a general description of remedial action taken including remediation start date and end date. (4) Groundwater encountered: No ☐ Yes ☐ If yes, show depth below ground surface _____ ft. and attach sample results. (5) Attach soil sample results and a diagram of sample locations and excavations.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that the above-described pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☒, a general permit ☐, or an (attached) alternative OCD-approved plan ☐.

Date: **8-4-2004**

Printed Name/Title **BRAD D. BURKS, PRESIDENT** Signature **Brad D. Burks**

Your certification and NMOCD approval of this application/closure does not relieve the operator of liability should the contents of the pit or tank contaminate ground water or otherwise endanger public health or the environment. Nor does it relieve the operator of its responsibility for compliance with any other federal, state, or local laws and/or regulations.

Approval:

Date: _____

Printed Name/Title _____ Signature _____

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District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, N M 87505

Form C-102

Revised March 17, 1999
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-	Pool Code 15011	Pool Name CULEBRA BLUFF BONE SPRING, S.
Property Code 026138	Property Name PARDUE "34"	Well Number 4
OGRID No. 2433	Operation Name BK EXPLORATION CORPORATION	Elevation 3053

Surface Location

UL or Lot No. C	Section 34	Township 23-S	Range 28-E	Lot Idn.	Feet from the 540	North/South line NORTH	Feet from the 2100	East/West line WEST	County EDDY
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Bottom Hole Location If Different From Surface

UL or Lot No.	Section	Township	Range	Lot Idn.	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 80	Joint or Infill N	Consolidation Code C	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTEREST HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	OPERATOR CERTIFICATION I HEREBY CERTIFY THAT THE INFORMATION HEREIN IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.	
	Signature Brad D. Burks	
	Printed Name Brad D. Burks	
	Title President	
Date 8-4-2004		SURVEYOR CERTIFICATION 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. JULY 31, 2004 Date of Survey Signature DAN B. REDDY NEW MEXICO 5412 REGISTERED PROFESSIONAL SURVEYOR Certificate Number 5412
Date of Survey		
Signature DAN B. REDDY		
NEW MEXICO 5412 REGISTERED PROFESSIONAL SURVEYOR Certificate Number 5412		

Submit 3 Copies To Appropriate District
Office
District I
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87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
March 4, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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.)		WELL API NO. 30-015-
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator BK EXPLORATION CORP		6. State Oil & Gas Lease No.
3. Address of Operator 10159 E 11TH STE 401		7. Lease Name or Unit Agreement Name PARDUE "34"
3. Address of Operator TULSA, OK 74128-3028		8. Well Number 4
4. Well Location Unit Letter C : 540 feet from the NORTH line and 2100 feet from the WEST line Section 34 Township 23 S Range 28 E NMPM County EDDY		9. OGRID Number 2433
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3053' GR		10. Pool name or Wildcat CULEBRA BLUFF BONE SPRING, S.

Pit or Below-grade Tank Application (For pit or below-grade tank closures, a form C-144 must be attached)

Pit Location: UL _____ Sect _____ Twp _____ Rng _____ Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____
Distance from nearest surface water _____ Below-grade Tank Location UL _____ Sect _____ Twp _____ Rng _____ ;
_____ feet from the _____ line and _____ feet from the _____ line

12. 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 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"/> MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER: H₂S CONTINGENCY PLAN <input checked="" type="checkbox"/>	OTHER: <input type="checkbox"/>

13. 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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

OPERATOR HAS DRILLED MANY WELLS TO BONE SPRING IN THIS FIELD. NO H₂S ENCOUNTERED TO DATE, THEREFORE NO FORMAL H₂S CONTINGENCY PLAN IS REQUIRED. HOWEVER, ALL WELL WORK WILL INCLUDE USE OF H₂S MONITORS.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

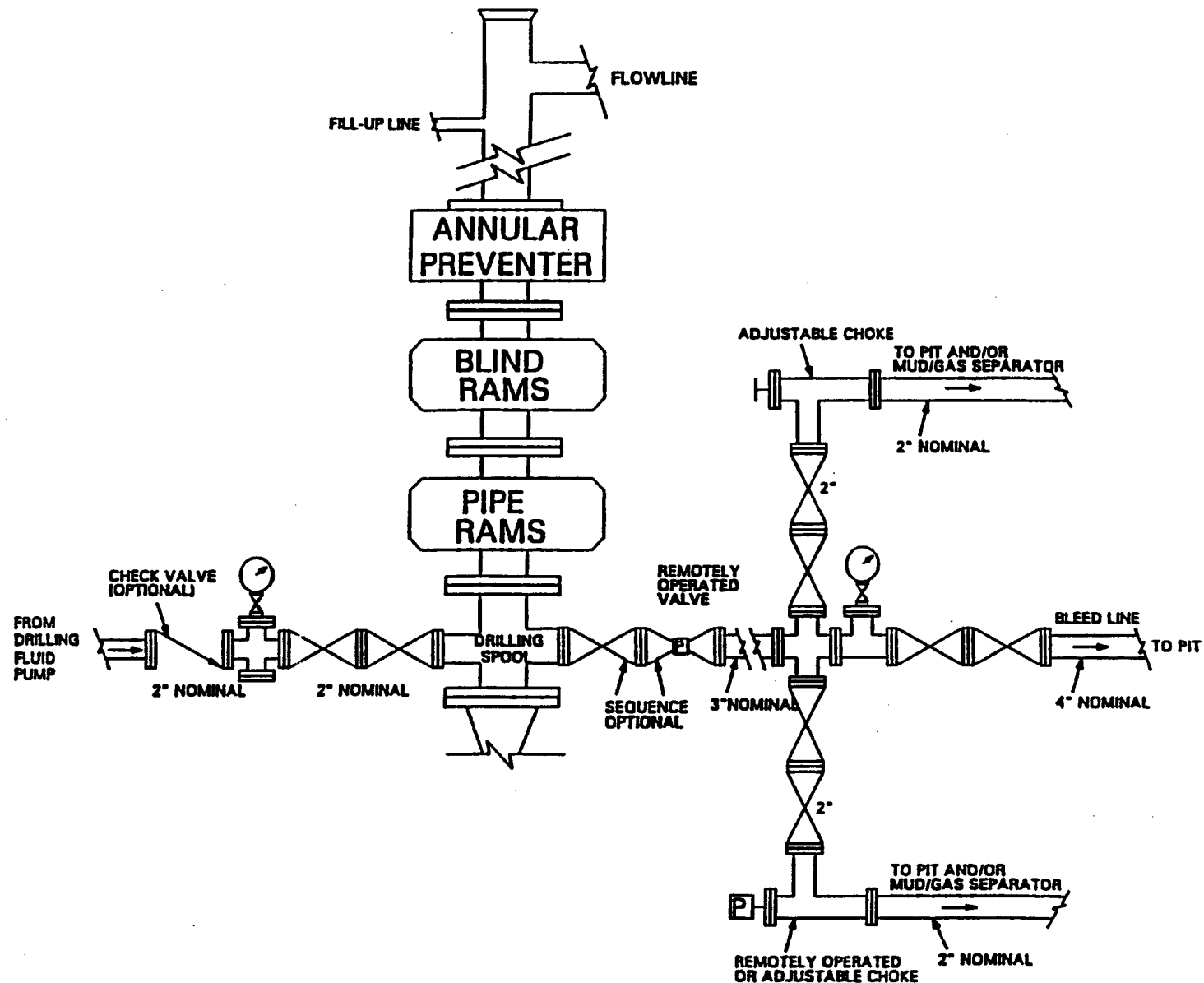
SIGNATURE Brad D. Burks TITLE PRESIDENT DATE 8-4-2004

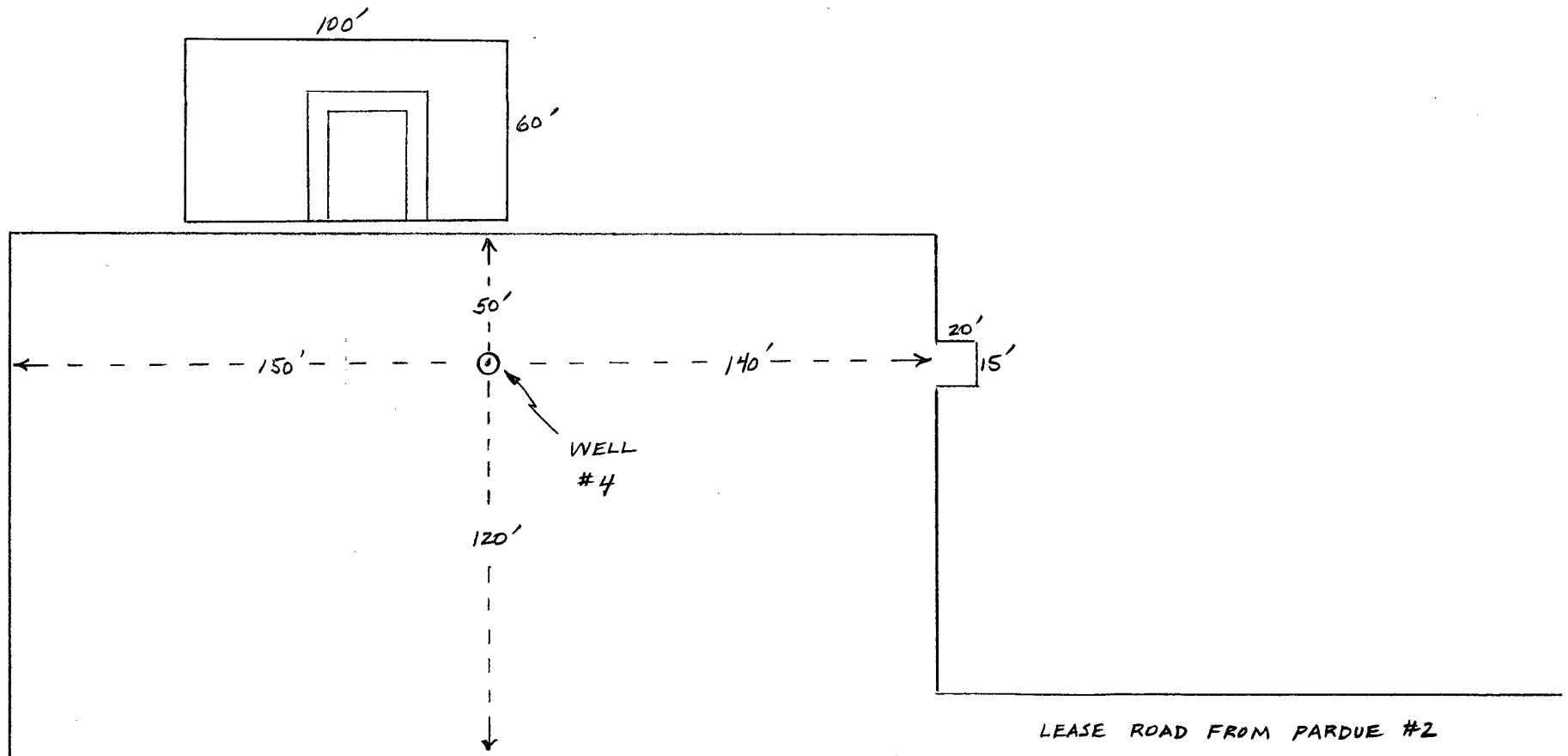
Type or print name BRAD D. BURKS E-mail address: _____ Telephone No. 918-582-3855

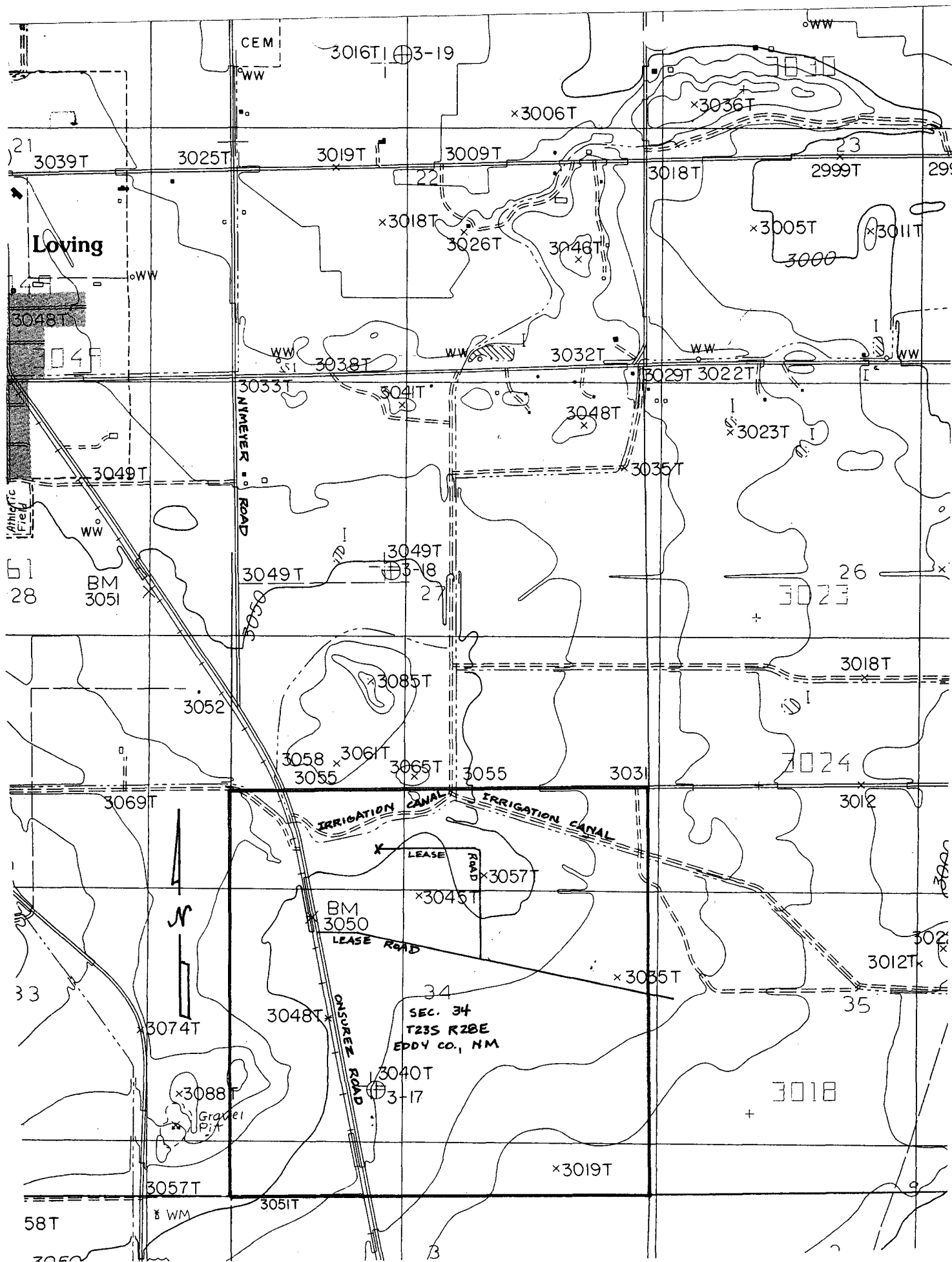
(This space for State use)

APPROVED BY _____ TITLE _____ DATE _____
Conditions of approval, if any: _____

PROPOSED 5-M BOPE AND CHOKE ARRANGEMENT







New Mexico Office of the State Engineer
Well Reports and Downloads

Township: 23S Range: 28E Sections: 34

NAD27 X: Y: Zone: Search Radius:

County: ED Basin: Number: Suffix:

Owner Name: (First) (Last) ☐ Non-Domestic ☐ Domestic
☒ All

Well / Surface Data Report

Avg Depth to Water Report

Water Column Report

Clear Form

WATERS Menu

Help

WATER COLUMN REPORT 06/07/2004

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are biggest to smallest)

Well Number	Tws	Rng	Sec	q	q	q	Zone	X	Y	Depth Well	Depth Water	Water Column
C 01240	23S	28E	34	3	1					125	25	1
C 00318	23S	28E	34	4	4	2				150		

Record Count: 2

**New Mexico Office of the State Engineer
Transaction Summary**

Back

72121 All Applications Under Statute 72-12-1


Trn_nbr: 198441

Trn_desc: C 00318

File Date: 0

Primary status: EXP Expired Permit
Secondary status: EXP Expired
Person assigned: *****
Applicant: CAVENDER & RICHARDSON

Events

Date	Type	Description	Comment
 04/04/1952	APP	Application Received	*
04/18/1952	FIN	Final Action on application	
04/18/1952	WAP	General Approval Letter	
11/20/1954	EXP	Expired Permit (well log late)	
11/28/2000	RUB	Re-Update the WR Database	

DB_File_Nbr	Acres	Diversion	Consumptive	Purpose of Use
C 00318	0	3	0	DOM 72-12-1 DOMESTIC ONE HOUSEH

Point of Diversion

C 00318 23S 28E 34 SE SE NE in Eddy County
(NE/SE/SE/4)

Remarks

APPLICATION FOR EXTENSION OF TIME FILED 07-02-1953. APPROVED TO
01-20-1955.

Conditions

4 :Use shall be limited to household, non-commercial trees, lawn and
garden not to exceed one acre and/or stock use.

Action of the State Engineer

Approval Code: A Approved

Action Date: 04/18/1952

log due date: 04/18/1953

State Engineer:

By:

**New Mexico Office of the State Engineer
Transaction Summary**

Back

72121 All Applications Under Statute 72-12-1

Trn_nbr: 197596

Trn_desc: C 01232

File Date: 0

Primary status: PMT Permit
Secondary status: APR Approved
Person assigned: *****
Applicant: E.C. PAINE
Applicant: T. R. CAVINESS

Events

Date	Type	Description	Comment
08/24/1964	APP	Application Received	*
08/25/1964	FIN	Final Action on application	
08/25/1964	WAP	General Approval Letter	

DB_File_Nbr	Acres	Diversion	Consumptive	Purpose of Use
C 01232	0	3	0	STK 72-12-1 LIVESTOCK WATERING

Point of Diversion

C 01232 23S 28E 34 NW SW NE in Eddy County
(NE/SW/NW/4)

Remarks

THIS IS AN OLD EXISTING WELL TO BE REPAIRED AND USED FOR LIVESTOCK.

Conditions

1A: Depth of the well shall not exceed the thickness of the valley fill.

1B: Depth of the well shall not exceed the thickness of the Ogallala formation.

4 : Use shall be limited to household, non-commercial trees, lawn and garden not to exceed one acre and/or stock use.

Action of the State Engineer

Approval Code: A Approved

Action Date: 08/25/1964

log due date: 08/25/1965

State Engineer:

By:

**New Mexico Office of the State Engineer
Transaction Summary**

[Back](#)

72121 All Applications Under Statute 72-12-1



Trn_nbr: 197618

Trn_desc: C 01240

File Date: 1

Primary status: PMT Permit
Secondary status: LOG Well Log Received
Person assigned: *****
Applicant: E.C. PAINE
Applicant: T. R. CAVINESS

Events

Date	Type	Description	Comment
 10/20/1964	APP	Application Received	*
10/21/1964	FIN	Final Action on application	
10/21/1964	WAP	General Approval Letter	
 02/05/1965	LOG	Well Log Received	* <u>SALTWATER</u> UNABLE TO I

DB_File_Nbr	Acres	Diversion	Consumptive	Purpose of Use
C 01240	0	3	0	STK 72-12-1 LIVESTOCK WATERING

Point of Diversion

C 01240 23S 28E 34 SW NW in Eddy County

(NW/SW/4)

Conditions

1A: Depth of the well shall not exceed the thickness of the valley fill.

1B: Depth of the well shall not exceed the thickness of the Ogallala formation.

4 : Use shall be limited to household, non-commercial trees, lawn and garden not to exceed one acre and/or stock use.

Action of the State Engineer

Approval Code: A Approved

Action Date: 10/21/1964

log due date: 10/21/1965

State Engineer:

By: