

Submit to Appropriate
District Office
State Lease - 6 copies
Fee Lease - 5 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-101
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

API NO. (assigned by OCD on New Wells)

30-015-27849

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
E-5229

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work:

DRILL ☒ RE-ENTER ☐ DEEPEN ☐ PLUG BACK ☐

b. Type of Well:

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

7. Lease Name or Unit Agreement Name

James Ranch Unit

2. Name of Operator

Bass Enterprises Production Company

8. Well No.

66

3. Address of Operator

P. O. Box 2760 Midland, TX 79702 (915) 683-2277

9. Pool name or Wildcat

Quahada Ridge, S.E. Delaware

4. Well Location

Unit Letter M : 990 Feet From The West Line and 660 Feet From The South Line

Section 36 Township 22S Range 30E NMPM Eddy County

10. Proposed Depth
8000'

11. Formation
Bone Springs

12. Rotary or C.T.
Rotary

13. Elevations (Show whether DF, RT, GR, etc.)
3290' GR

14. Kind & Status Plug. Bond
Blanket

15. Drilling Contractor
Unknown

16. Approx. Date Work will start
Upon Approval

17.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
14 3/4" 176	11 3/4" 13 3/8	42#	475'	360	Surface
11"	8-5/8"	32#	3700'	980	Surface
7-7/8"	5-1/2"	15.5#	8000'	600	3300'

R-111-P Area

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. 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.

SIGNATURE William R. Dannels TITLE Div. Drlg. Supt. DATE January 25, 1994

TYPE OR PRINT NAME William R. Dannels TELEPHONE NO. (915) 683-2277

(This space for State Use)

APPROVED BY Mark Kelly TITLE GEOLOGIST DATE 2-10-94

CONDITIONS OF APPROVAL, IF ANY:

* AS NOTED ABOVE

NOTICE: ALL C.D. IN SUFFICIENT
TIME TO WORK ON CEMENTING THE
13 3/8, 8 5/8 CASING

APPROVAL VALID FOR 180 DAYS
PERMIT EXPIRES 3-10-94
ALL DRILLING IS UNDERWAY



WESTERN
AG-MINERALS
COMPANY

P. O. Box 511, Carlsbad, New Mexico 88220 • (505) 885-3175

March 17, 1993

Jens Hansen
Bass Enterprises Production Co.
First City Bank Tower
201 Main St
Fort Worth, Texas 76102

Re: Section 36, T22S R30E
Eddy County, New Mexico

Dear Hansen:

I cannot release a trace of our LMR in section 36. I will, however, indicate those areas in section 36 where Western Ag-Minerals will not protest drilling of holes requiring a 1/4 mile buffer. Hole locations in the NE 1/4, SE 1/4, and 920' or more from the west line in the SW 1/4 will not be protested.

Any well locations in the NW 1/4 will be protested because they will result in further loss of potash reserves.

If I can be of more assistance or if you have any questions don't hesitate to call. I can be reached at (505) 887-3476.

Sincerely,

Ben F. Zimmerly
Mining Engineer

Bfz/bfz

cc: R. H. Heinen
H. T. Worley

To: George Jan
From: Jens Hansen

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WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator BASS ENTERPRISES PRODUCTION CO.		Lease JAMES RANCH UNIT		Well No. 66
Unit Letter M	Section 36	Township 22 SOUTH	Range 30 EAST NMPM	County EDDY
Actual Footage Location of Well: 660 feet from the SOUTH line and 990 feet from the WEST line				
Ground Level Elev. 3290'	Producing Formation Delaware	Pool Quahada Ridge ^{LAND} S.E. (Delaware)	Dedicated Acreage: 40 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 interest of all owners been consolidated by communization, unitization, force-pooling, etc.?
☐ Yes ☐ No If answer is "yes" type of consolidation _____

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

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

OPERATOR CERTIFICATION

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

Signature
William R. Dannels

Printed Name
William R. Dannels

Position
Division Drlg. Supt.

Company
Bass Enterprises Prod. Co.

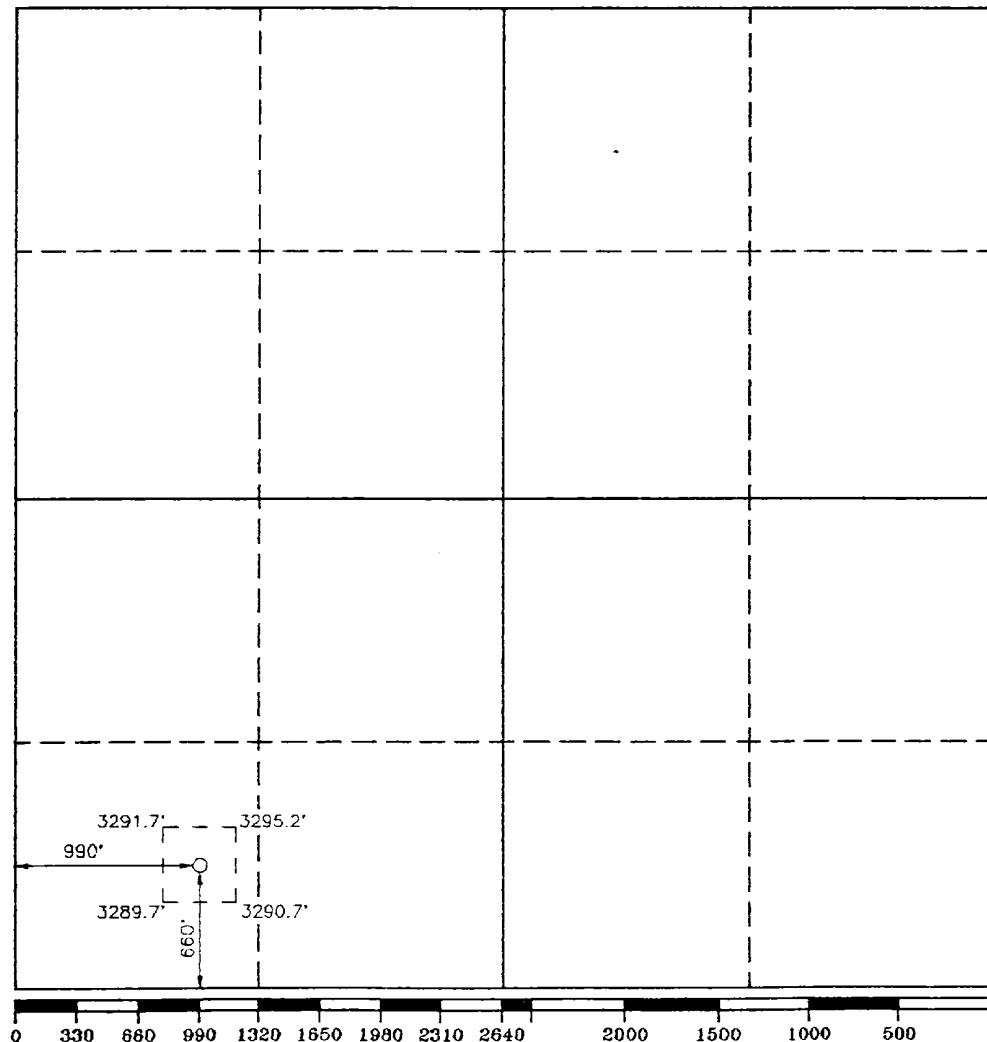
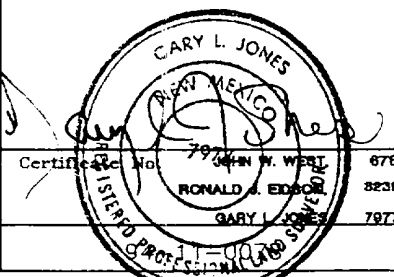
Date
January 25, 1994

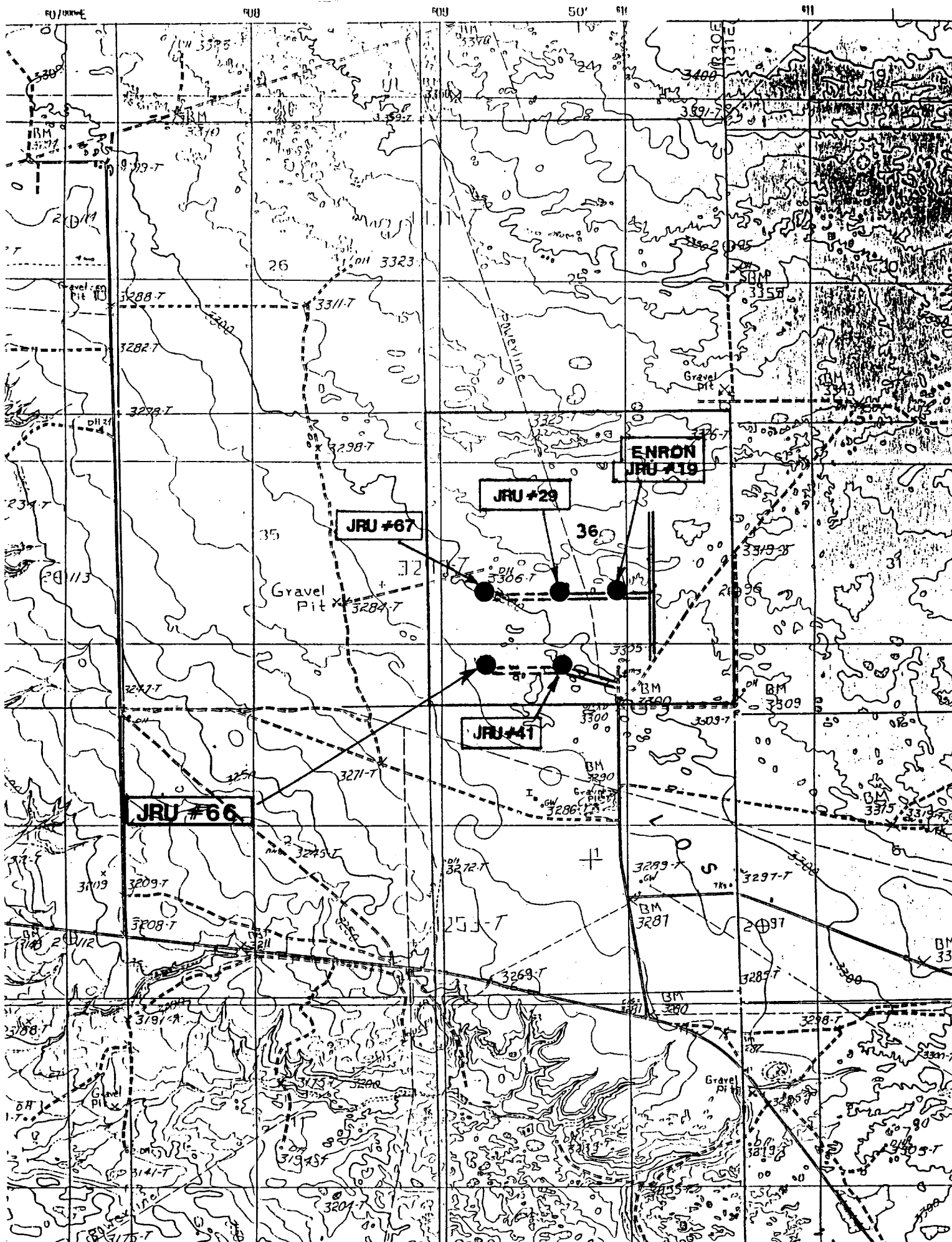
SURVEYOR CERTIFICATION

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.

Date Surveyed
JANUARY 13, 1994

Signature & Seal of
Professional Surveyor





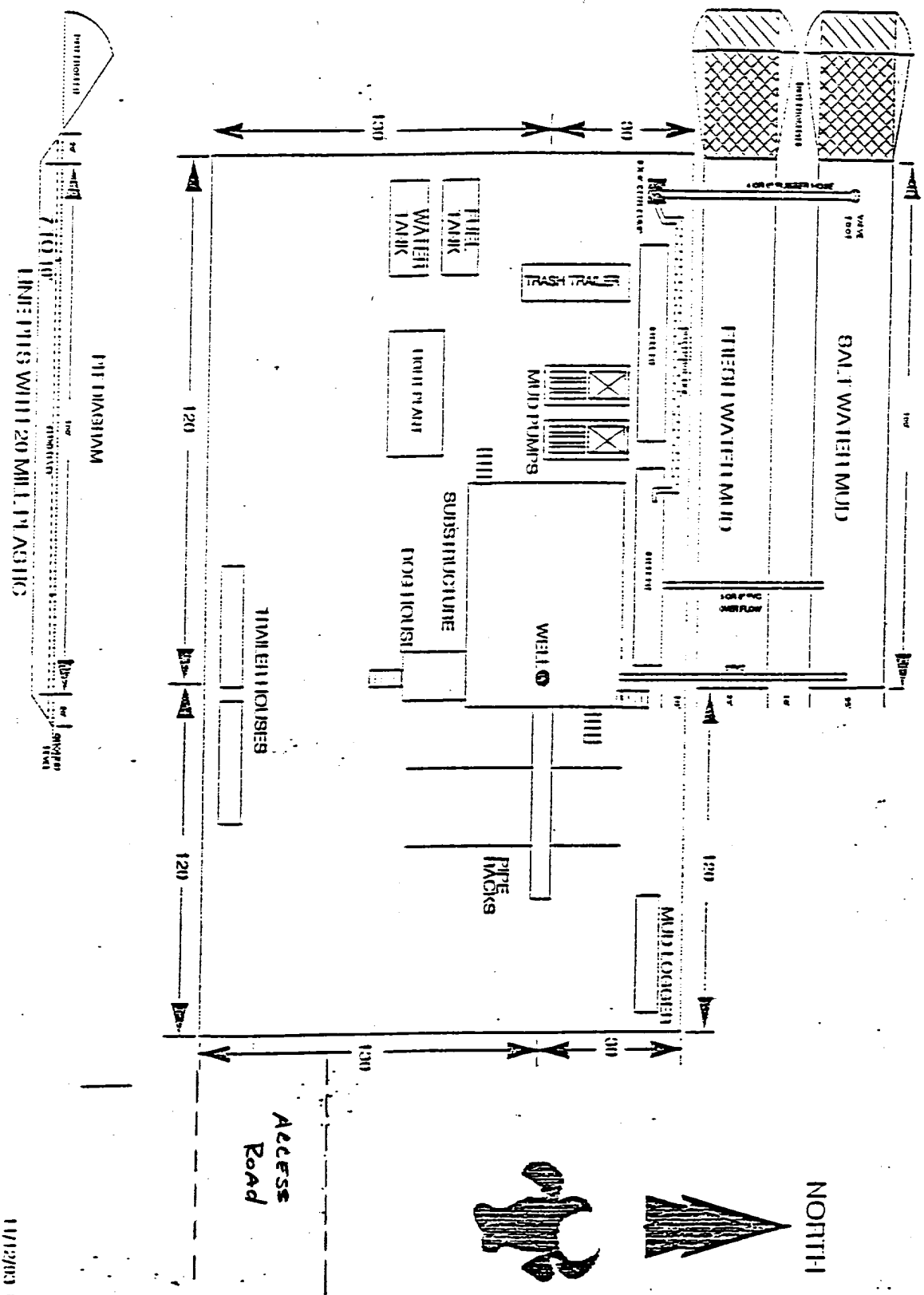
A detailed topographic map of the James Ranch Unit #66 area. The map features a grid system with section numbers 26, 35, 36, and 39 visible. Contour lines are drawn at intervals, with labels such as 3270, 3280, 3290, 3300, 3310, 3320, 3330, 3340, 3350, 3360, 3370, 3380, 3390, 3400, 3410, 3420, 3430, 3440, 3450, 3460, 3470, 3480, 3490, 3500, 3510, 3520, 3530, 3540, 3550, 3560, 3570, 3580, 3590, 3600, 3610, 3620, 3630, 3640, 3650, 3660, 3670, 3680, 3690, 3700, 3710, 3720, 3730, 3740, 3750, 3760, 3770, 3780, 3790, 3800, 3810, 3820, 3830, 3840, 3850, 3860, 3870, 3880, 3890, 3900, 3910, 3920, 3930, 3940, 3950, 3960, 3970, 3980, 3990, 4000, 4010, 4020, 4030, 4040, 4050, 4060, 4070, 4080, 4090, 4100, 4110, 4120, 4130, 4140, 4150, 4160, 4170, 4180, 4190, 4200, 4210, 4220, 4230, 4240, 4250, 4260, 4270, 4280, 4290, 4300, 4310, 4320, 4330, 4340, 4350, 4360, 4370, 4380, 4390, 4400, 4410, 4420, 4430, 4440, 4450, 4460, 4470, 4480, 4490, 4500, 4510, 4520, 4530, 4540, 4550, 4560, 4570, 4580, 4590, 4600, 4610, 4620, 4630, 4640, 4650, 4660, 4670, 4680, 4690, 4700, 4710, 4720, 4730, 4740, 4750, 4760, 4770, 4780, 4790, 4800, 4810, 4820, 4830, 4840, 4850, 4860, 4870, 4880, 4890, 4900, 4910, 4920, 4930, 4940, 4950, 4960, 4970, 4980, 4990, 5000, 5010, 5020, 5030, 5040, 5050, 5060, 5070, 5080, 5090, 5100, 5110, 5120, 5130, 5140, 5150, 5160, 5170, 5180, 5190, 5200, 5210, 5220, 5230, 5240, 5250, 5260, 5270, 5280, 5290, 5300, 5310, 5320, 5330, 5340, 5350, 5360, 5370, 5380, 5390, 5400, 5410, 5420, 5430, 5440, 5450, 5460, 5470, 5480, 5490, 5500, 5510, 5520, 5530, 5540, 5550, 5560, 5570, 5580, 5590, 5600, 5610, 5620, 5630, 5640, 5650, 5660, 5670, 5680, 5690, 5700, 5710, 5720, 5730, 5740, 5750, 5760, 5770, 5780, 5790, 5800, 5810, 5820, 5830, 5840, 5850, 5860, 5870, 5880, 5890, 5900, 5910, 5920, 5930, 5940, 5950, 5960, 5970, 5980, 5990, 6000, 6010, 6020, 6030, 6040, 6050, 6060, 6070, 6080, 6090, 6100, 6110, 6120, 6130, 6140, 6150, 6160, 6170, 6180, 6190, 6200, 6210, 6220, 6230, 6240, 6250, 6260, 6270, 6280, 6290, 6300, 6310, 6320, 6330, 6340, 6350, 6360, 6370, 6380, 6390, 6400, 6410, 6420, 6430, 6440, 6450, 6460, 6470, 6480, 6490, 6500, 6510, 6520, 6530, 6540, 6550, 6560, 6570, 6580, 6590, 6600, 6610, 6620, 6630, 6640, 6650, 6660, 6670, 6680, 6690, 6700, 6710, 6720, 6730, 6740, 6750, 6760, 6770, 6780, 6790, 6800, 6810, 6820, 6830, 6840, 6850, 6860, 6870, 6880, 6890, 6900, 6910, 6920, 6930, 6940, 6950, 6960, 6970, 6980, 6990, 7000, 7010, 7020, 7030, 7040, 7050, 7060, 7070, 7080, 7090, 7100, 7110, 7120, 7130, 7140, 7150, 7160, 7170, 7180, 7190, 7200, 7210, 7220, 7230, 7240, 7250, 7260, 7270, 7280, 7290, 7300, 7310, 7320, 7330, 7340, 7350, 7360, 7370, 7380, 7390, 7400, 7410, 7420, 7430, 7440, 7450, 7460, 7470, 7480, 7490, 7500, 7510, 7520, 7530, 7540, 7550, 7560, 7570, 7580, 7590, 7600, 7610, 7620, 7630, 7640, 7650, 7660, 7670, 7680, 7690, 7700, 7710, 7720, 7730, 7740, 7750, 7760, 7770, 7780, 7790, 7800, 7810, 7820, 7830, 7840, 7850, 7860, 7870, 7880, 7890, 7900, 7910, 7920, 7930, 7940, 7950, 7960, 7970, 7980, 7990, 8000, 8010, 8020, 8030, 8040, 8050, 8060, 8070, 8080, 8090, 8100, 8110, 8120, 8130, 8140, 8150, 8160, 8170, 8180, 8190, 8200, 8210, 8220, 8230, 8240, 8250, 8260, 8270, 8280, 8290, 8300, 8310, 8320, 8330, 8340, 8350, 8360, 8370, 8380, 8390, 8400, 8410, 8420, 8430, 8440, 8450, 8460, 8470, 8480, 8490, 8500, 8510, 8520, 8530, 8540, 8550, 8560, 8570, 8580, 8590, 8600, 8610, 8620, 8630, 8640, 8650, 8660, 8670, 8680, 8690, 8700, 8710, 8720, 8730, 8740, 8750, 8760, 8770, 8780, 8790, 8800, 8810, 8820, 8830, 8840, 8850, 8860, 8870, 8880, 8890, 8900, 8910, 8920, 8930, 8940, 8950, 8960, 8970, 8980, 8990, 9000, 9010, 9020, 9030, 9040, 9050, 9060, 9070, 9080, 9090, 9100, 9110, 9120, 9130, 9140, 9150, 9160, 9170, 9180, 9190, 9200, 9210, 9220, 9230, 9240, 9250, 9260, 9270, 9280, 9290, 9300, 9310, 9320, 9330, 9340, 9350, 9360, 9370, 9380, 9390, 9400, 9410, 9420, 9430, 9440, 9450, 9460, 9470, 9480, 9490, 9500, 9510, 9520, 9530, 9540, 9550, 9560, 9570, 9580, 9590, 9600, 9610, 9620, 9630, 9640, 9650, 9660, 9670, 9680, 9690, 9700, 9710, 9720, 9730, 9740, 9750, 9760, 9770, 9780, 9790, 9800, 9810, 9820, 9830, 9840, 9850, 9860, 9870, 9880, 9890, 9900, 9910, 9920, 9930, 9940, 9950, 9



CONTOUR INTERVAL 10'

ELEVATION 3290'

U.S.G.S. TOPOGRAPHIC MAP
LOS MEDANOS, N.M.



LINE PITS WITH 20 MILL PLASTIC

11/12/2003 10:01

BLM approves federal wells in potash area so we do not have to worry about this.

STATE & FEE LEASES

Post to map and if within the potash area outlined on map or within 1 mile of that area do the following:

- 1) Make certain operator has filed a plat of the area showing the potash lessees for the area where the well is located as well as the 1-mile radius referred to.
- 2) Make certain operator has notified all of the potash lessees by certified mail of the APD. They must send copy of delivery notice to us since 20-day waiting period starts from delivery date.

- 3) Send letter to BLM and SLO advising them of this APD and request they advise if this location is within LMR or buffer zone.

BUFFER ZONE -- shallow well is 1/4 mile of LMR
-- deep well is 1/2 mile of LMR

- 4) If application is within LMR or buffer zone you must DENY it under R-111-P unless, there is a mutual agreement of lessor and lessees of oil & gas and potash interests. Copy of this agreement must be submitted with APD.
- 5) If application is outside LMR or buffer zone and no objection is received within 20 days from date of receipt by potash lessees of certified notice, the APD may be approved.

CHECK LIST FOR PROCESSING APD IN POTASH AREA

OPERATOR: GLASS ENTERPRISES PRO CO

LEASE & WELL JRU #66 & #67

LOCATION (66) 6605 & 6600 W, (61) 19805 & 990 W PROPOSED DEPTH 8000

DATE APD RECEIVED 1-3-94 WAS PLAT OF AREA ATTACHED YES

WERE ALL POTASH LESSEES NOTIFIED BY CERTIFIED MAIL? YES

20-DAY WAITING PERIOD BEGINS 1-3-94 ENDS _____

WERE WAIVERS RECEIVED? _____

DATE SLO NOTIFIED 2-9-94 DATE REPLY RECEIVED 2-9-94

DATE BLM NOTIFIED 2-10-94 DATE REPLY RECEIVED 2-10-94

IS LOCATION INSIDE LMR OR BUFFER ZONE? YES ☒ NO ☐

IF LOCATION INSIDE LMR OR BUFFER ZONE WAS LESSEE/LESSOR AGREEMENT FURNISHED ☒

DATE APD APPROVED 2-10-94 DATE APD DENIED _____

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENTBRUCE KING
GOVERNOROIL CONSERVATION DIVISION
ARTESIA DISTRICT OFFICEP.O. DRAWER 00
ARTESIA, NEW MEXICO 88211
(505) 748-1283DATE 2-9-94Bureau of Land Management
ATTN: Craig Cranston
P.O. Box 1778
Carlsbad NM 88220State Land Office
ATTN: Joe Mraz
P.O. Box 1148
Santa Fe NM 87405Re: APPLICATION FOR PERMIT TO DRILL IN POTASH AREAOPERATOR BASS ENTERPRISES PRODUCTION COMPANY
LEASE NAME JAMES RANCH UNIT 66
LOCATION 36-22S-30E, 6605 & 990W
DEPTH 3000'

Gentlemen:

The application for permit to drill identified above has been filed with this office of the New Mexico Oil Conservation Division. Pursuant to the provisions of Oil Conservation Division Order R-111-P, please advise this office whether or not this location is within an established Life-of-Mine-Reserve area filed with and approved by your office. If not, please advise whether it is within the buffer zone established by the order.

Thank you for your assistance.

Sincerely, *Mark Ashley*IN LMR
IN BUFFER ZONEYES _____ NO X
YES X NO _____COMMENTS: within the 1/2 mile buffer

Fax to:

mark ashley
748-9720SIGNATURE
DATE*[Signature]*
2-9-94



BRUCE KING
GOVERNOR

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
ARTESIA DISTRICT OFFICE

P.O. DRAWER 00
ARTESIA, NEW MEXICO 88211
(505) 748-1263

DATE 2-9-94

Bureau of Land Management
ATTN: Craig Cranston
P.O. Box 1778
Carlsbad NM 88220

State Land Office
ATTN: Joe Mraz
P.O. Box 1148
Santa Fe NM 87403

Re: APPLICATION FOR PERMIT TO DRILL IN POTASH AREA

OPERATOR BASS ENTERPRISES PRODUCTION COMPANY
LEASE NAME JAMES RANCH UNIT 66
LOCATION 36-22S-30E, 6605 + 990W
DEPTH 8000'

Gentlemen:

The application for permit to drill identified above has been filed with this office of the New Mexico Oil Conservation Division. Pursuant to the provisions of Oil Conservation Division Order R-111-P, please advise this office whether or not this location is within an established Life-of-Mine-Reserve area filed with and approved by your office. If not, please advise whether it is within the buffer zone established by the order.

Thank you for your assistance.

Sincerely, *Mark R. King*

IN LMR
IN BUFFER ZONE

YES _____ NO X
YES _____ NO X

COMMENTS: _____

SIGNATURE *Mark R. King* BLM-NM-D-ROO-0000

DATE 2/10/94