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NEW MEXICO OIL CONSERVATION COMMISSION  
APR 15 1981  
O. C. D.  
ARTESIA, OFFICE

30-015-22670  
Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.
7. Unit Agreement Name Big Eddy Unit
8. Farm or Lease Name Big Eddy Unit
9. Well No. 65
10. Field and Pool, or Wildcat Undesignated
12. County Eddy
19. Proposed Depth 10840 PBD
19A. Formation Strawn
20. Rotary or C.T. Pulling Unit
21. Elevations (Show whether DF, RT, etc.) 3132.4' GL
21A. Kind & Status Plug. Bond Blanket
21B. Drilling Contractor —
22. Approx. Date Work will start April 20, 1981

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK	
1a. Type of Work DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>	
b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	
2. Name of Operator Perry R. Bass	
3. Address of Operator Box 2760, Midland, Texas 79702	
4. Location of Well UNIT LETTER C LOCATED 1980 FEET FROM THE West LINE AND 660 FEET FROM THE North LINE OF SEC. 31 TWP. 21S RGE. 28E NMPM	
23. PROPOSED CASING AND CEMENT PROGRAM	

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
15"	11 3/4"	42	498	300	Surface
11"	8 5/8"	24 & 28	2890	800	Surface
7 7/8"	5 1/2"	15.5 & 17	12108	1100	7808'

Plug back from Zone (Tested) 10990' - 11372' to Strawn Zone 10547' - 10671'. See attached procedure. All depths correlate to Schlumberger logs dated 4-26-79.

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.

Signed David L. Davis Title Asst. Div. Engr. Date April 10, 1981

(This space for State Use)

APPROVED BY A. A. Gressett TITLE SUPERVISOR, DISTRICT II DATE APR 30 1981

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-80

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

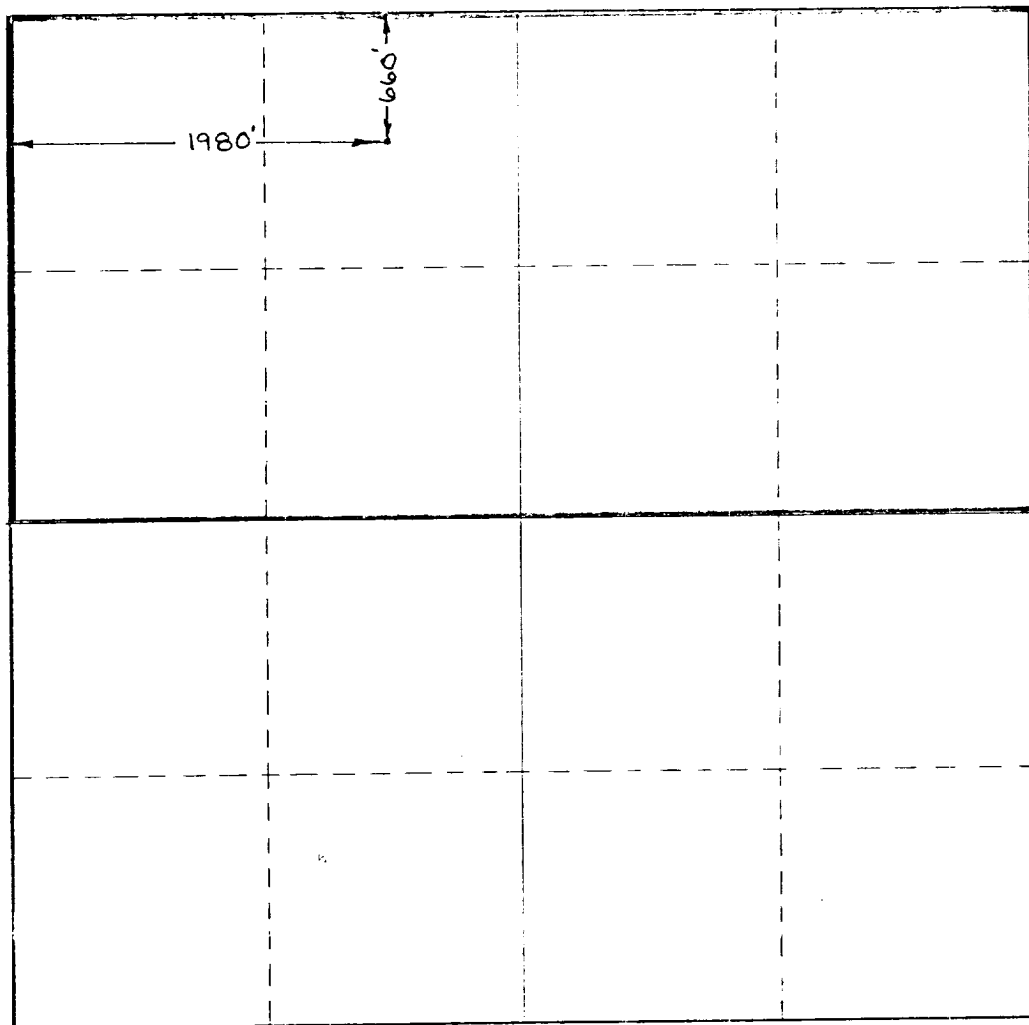
Owner <b>Perry R. Bass</b>			Lease <b>Big Eddy Unit</b>		Well No. <b>65</b>
Unit Letter <b>C</b>	Section <b>31</b>	Township <b>21S</b>	Range <b>28E</b>	County <b>Eddy</b>	
Actual Footage Location of Well: <b>660</b> feet from the <b>North</b> line and <b>1980</b> feet from the <b>West</b> line					
Ground Level Elev. <b>3132.4'</b>	Producing Formation <b>Strawn</b>	Pool <b>Undesignated</b>		Dedicated Acreage: <b>316</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 Unit

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.

David L. Davis

Name

David L. Davis

Position

Asst. Div. Engr.

Company

Perry R. Bass

Date

April 10, 1981

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

November 17, 1978

Registered Professional Engineer and/or Land Surveyor.

Originally signed under prior application.

Certificate No.

330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

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RECOMMENDED PROCEDURE  
BIG EDDY UNIT NO. 65  
RECOMPLETION FROM ATOKA TO STRAWN

APR 24 1981

O. C. D.  
ARTESIA OFFICE

1. RUPU. Load tubing with fresh water. ND tree. NU dual hydraulic BOPE with 2-3/8" pipe rams and blind rams.
2. Unlatch tubing. Relatch packer.
3. RU Halliburton or equivalent. Pressure annulus to 2000 psi. Pump 100 sx Class "H" cement containing 1.0% Halad-9. Mix cement with 5.2 gals water per sack. Displace with 40.5 bbls fresh water. Squeeze to a maximum of 5000 psi. Unlatch from packer. Pull tubing to 10,825'. Reverse tubing clean. Close pipe rams and hold 3000 psi on casing. WOC 4 hours or over-night.
4. Test squeeze to 2000 psi. Tag cement. Resqueeze if necessary.
5. Pull tubing to +10,650'. Circulate hole with brine water containing 2% KCl and 1% sodium bichromate, and weighted 10.3 ppg with soda ash. POOH, filling hole with same fluid.
6. RU McCullough. Install lubricator. Perforate using 4" cased gun SSB-II charges phased at 0° and decentralized at the following depths. Correlate to McCullough GR-CCL-Sonic Seismogram dated 5/3/79:  
  
10544', 10560', 10584', 10617', 10620', 10630-10668'  
  
(Shoot one shot/2' in long interval - 20 shots.) Total 25 shots. RD McCullough.
7. RIH with Otis MH-2 packer (see sketch) on empty tubing and set at +10,510'. Set down 12,000#. ND BOPE. NU tree. Drop sinker bar with fishing neck to open shear disc, and well should flow.
8. If well flows, go to Step 9. If not, proceed as follows:
  - A. RU Dowell. Install tree saver. Pressure annulus to 2000 psi.
  - B. Acidize down tubing with 2500 gals 20% HCl MSR-100 acid containing 4 gals/1000 gals A-200, 2 gals/1000 gals J-321 and 750 SCF/bbl nitrogen. Pump 500 gals acid, then drop one 1.1 specific gravity ball sealer every 1.0 bbls (48 total). Treat at 5-7 BPM, not exceeding 7000 psi maximum treating pressure. Attempt ball out. Flush with 2% KCl water containing 2 gals/1000 gals J-321 and 750 SCF/bbl nitrogen.
  - C. Flow back well. Swab if necessary.
  - D. Return flow to sales line.
9. RU Kuykendall and latch dual 8000 psi pressure bombs with 72 hour clocks into seating nipple. Four point well down sales line with 4, 12, 18, and 24/64" chokes for one hour at each setting. Shut in well in for 68 hour pressure build-80 test.
10. POOH with Kuykendall and return well to production.

BASS ENTERPRISES PRODUCTION CO.

DIVISION PRODUCTION OFFICE

P. O. BOX 2760

MIDLAND, TEXAS 79702

RECEIVED

April 22, 1981

APR 29 1981

800 VAUGHN BUILDING  
(915) 684-5723

O. C. D.  
ARTESIA, OFFICE

Re: Big Eddy Unit No. 65  
Undesignated (Atoka) Field  
Eddy County, New Mexico

New Mexico Oil Conservation Division  
P. O. Drawer "DD"  
Artesia, New Mexico 88210

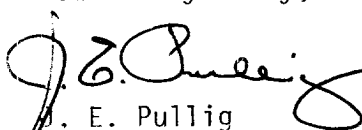
Attention: Mr. W. A. Gressett

Dear Mr. Gressett:

Attached, please find for your approval a revised recompletion procedure for Big Eddy Unit No. 65. The new procedure includes squeeze cementing of the Atoka-Morrow perms, and should effectively isolate the zones.

If you have any questions, please advise.

Yours very truly,

  
J. E. Pullig  
Division Manager

JEP:JSJ/jj  
Attachment

BASS ENTERPRISES PRODUCTION CO.  
DIVISION PRODUCTION OFFICE  
P. O. BOX 2760  
MIDLAND, TEXAS 79702

April 13, 1981

APR 1

800 VAUGHN BUILDING  
(915) 684-5723

APR 12 1981  
ARTESIA, OHIO

Re: Big Eddy Unit No. 65  
East Carlsbad Area  
Eddy County, New Mexico

New Mexico Oil Conservation Division  
P. O. Drawer "DD"  
Artesia, New Mexico 88210

Attention: Mr. William A. Gressett

Dear Mr. Gressett:

This letter is in reference to your telephone conversation with David Davis of this office on April 9, 1981, concerning the subject well. We are attaching Forms C-101 and C-102 for a permit to plug the well back to the Strawn formation. The well has been completed from the zone from 10990'-11372'. This zone was completed on January 24, 1981 as is noted on Bass' Form C-104 filed February 20, 1981.

Attached, please find a temperature survey run across this interval indicating that both Atoka and Morrow perforations are producing gas. Based on our belief that an effective separation of these zones is uneconomical at this time, we will plug the well back and test the Strawn. It is estimated that the interval 10990'-11372' will produce 5800 MCF by April 20, 1981. Perry R. Bass, as operator, will not produce this zone past April 20, 1981.

We appreciate your help in approving an allowable for testing purposes for this well and Bass will endeavor to alleviate situations of this kind in the future. Please advise this office if you have any questions.

Yours very truly,

  
J. E. Pullig  
Division Manager

JEP:DLD/jj  
Attachments