

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. SF-078064		
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
2. NAME OF OPERATOR Shell Oil Company		7. UNIT AGREEMENT NAME		
3. ADDRESS OF OPERATOR P. O. Box 831 Houston, Texas 77001		8. FARM OR LEASE NAME Carson Unit		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At surface 1620' FSL & 1630' FEL Section 13 At proposed prod. zone		9. WELL NO. 203		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 30 ⁺ air miles from Farmington, New Mexico		10. FUEL AND FUEL, OR WILDS AT Bioti		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drg. unit line, if any) 1620'	16. NO. OF ACRES IN LEASE 2,560	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA NW/4 SE/4 Section 13 T25N 12W		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. on this lease	19. PROPOSED DEPTH 1,290'	12. COUNTY OR PARISH San Juan		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6397' GR		13. STATE New Mex.		
23. PROPOSED CASING AND CEMENTING PROGRAM		17. NO. OF ACRES ASSIGNED TO THIS WELL 160		
20. ROTARY OR CABLE TOOLS Rotary		22. APPROX. DATE WORK WILL START* Upon permit approval December 1, 1979		
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
See Attached Drilling Prognosis - Attachment D				

ATTACHMENTS:

13 MULTI-POINT SURFACE USE PLAN
TOPO & ROAD MAP - ATTACHMENT A
VICINITY MAP - ATTACHMENT B
SURVEY RECORD - ATTACHMENT C
DRILLING PROGNOSIS - ATTACHMENT D
BOP SCHEMATIC - ATTACHMENT E

gas dedicated

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 D. M. Joba TITLE Supervisor Regulatory Permits DATE 11/1/79

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

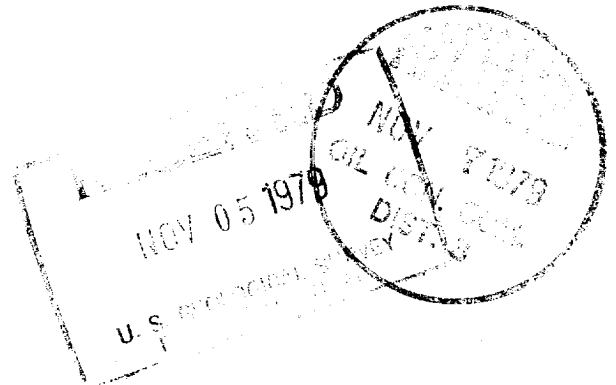
APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: OIL CONSERVATION DIVISION
STATE OF NEW MEXICO

NMOCC

*See Instructions On Reverse Side



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

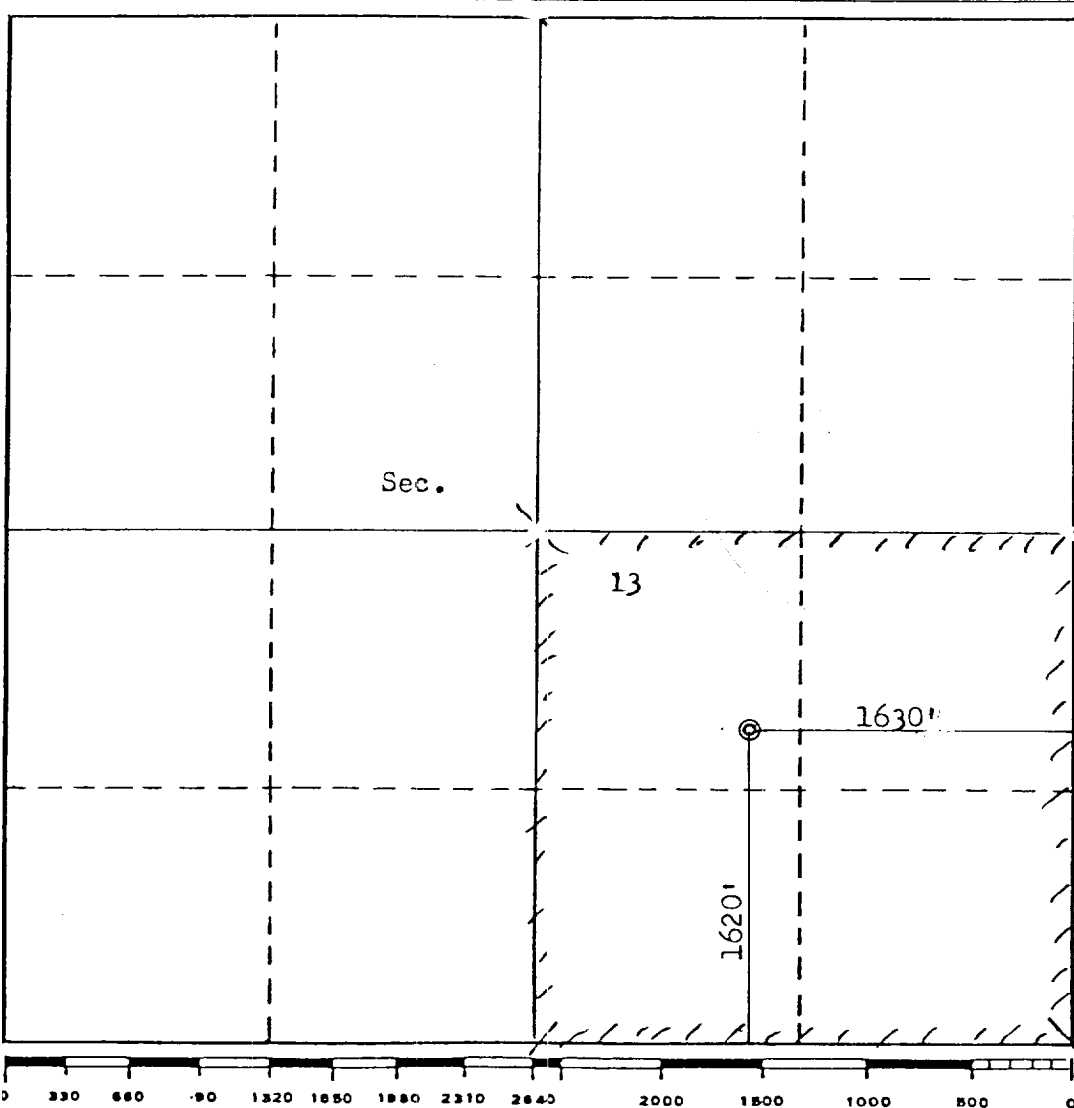
Operator SHELL OIL COMPANY		Lease CARSON UNIT		Well No. 203
Unit Letter J	Section 13	Township 25N	Range 12W	County San Juan
Actual Footage Location of Well: 1620 feet from the South line and 1630 feet from the East line				
Ground Level Elev. 6397	Producing Formation Pictured Cliffs	Pool WAW Fruit. - P.C.	Dedicated Acreage: 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 _____

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.	
Name	S. M. Jobe
Position	SUPERVISOR - R. PERMITS
Company	SHELL OIL
Date	11-1-79
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	October 20, 1979
Registered Professional Engineer and/or Land Surveyor	Fred A. Kerr, Jr.
Certificate No.	3950

MULTI-POINT SURFACE USE PLAN

Shell-Carson 203

1620' FSL & 1630' FEL

Section 13, T25N, R12W

San Juan County, New Mexico

1. Existing Roads. Please refer to attached map, designated Attachment A. The map illustrates existing roads in the area. New roads which will be required have been appropriately labeled on this map. All existing and new roads will be properly maintained during the duration of this project.
2. Planned Access Roads. Refer to Attachment A. The grade of the access road will be consistent with local terrain. Road surfaces will not exceed twenty feet (20') in width. After completion of all work on the subject well, the access road will be adequately drained to control soil erosion. Drainage facilities may include ditches, water bars, culverts, or any other measure deemed necessary by trained company personnel to insure proper drainage.
3. Location of Existing Wells. Several - see Attachment B.
4. Location of Tank Batteries, Production Facilities, and Production Gathering and Service Lines. Will be discussed and reviewed during the field inspections.
5. Location and Type of Water Supply. Shell proposes to obtain the water from the nearest existing source.
6. Source of Construction Material. No additional materials will be required to build either the access road or the proposed location.
7. Method of Handling Waste Materials. All garbage and trash material will be put into a burn pit. When clean-up operations are begun on the proposed project, the burn pit and its refuse will be buried to a depth of at least three (3) feet or hauled to an authorized disposal. A latrine will be provided for human waste. If large amounts of liquid are left in the reserve pit after completion of the project, the pit will be fenced until the liquids have had adequate time to dry. The location clean-up will not take place until such time as the reserve pit can be properly covered over to prevent runoff from carrying any of these materials into the watershed. No earthen pit will be located on natural drainage; all earthen pits will be so constructed as to prevent leakage from occurring.
8. Ancillary Facilities. No camps or airstrips will be associated with this project.
9. Wellsite Layout. 125' x 125' area centering on drill site stake.
10. Plans for Restoration of the Surface. After completion of the proposed project, the location will be cleaned and leveled. The location will be left in such a condition that will enable reseeding operations. Reseeding will be performed during the time period set forth by the regulatory body.
11. Other Information. This terrain is relatively level. Several well sites are located in the immediate area.

12. Operations Representatives:

G. M. Jobe
Shell Oil Company
Rocky Mountain Division
P. O. Box 831
Houston, TX 77001
Tel: (713) 241-1535

J. J. Smith
Shell Oil Company
Rocky Mountain Division
P. O. Box 831
Houston, TX 77001
Tel: (713) 241-2331

13. Certification. I hereby certify that I or persons under my direct supervision have inspected the proposed drillsite and access route that I am familiar with; the conditions which presently exist, that the statements made in this plan are to the best of my knowledge true and correct, and that the work associated with the operations proposed herein will be performed by Shell Oil Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

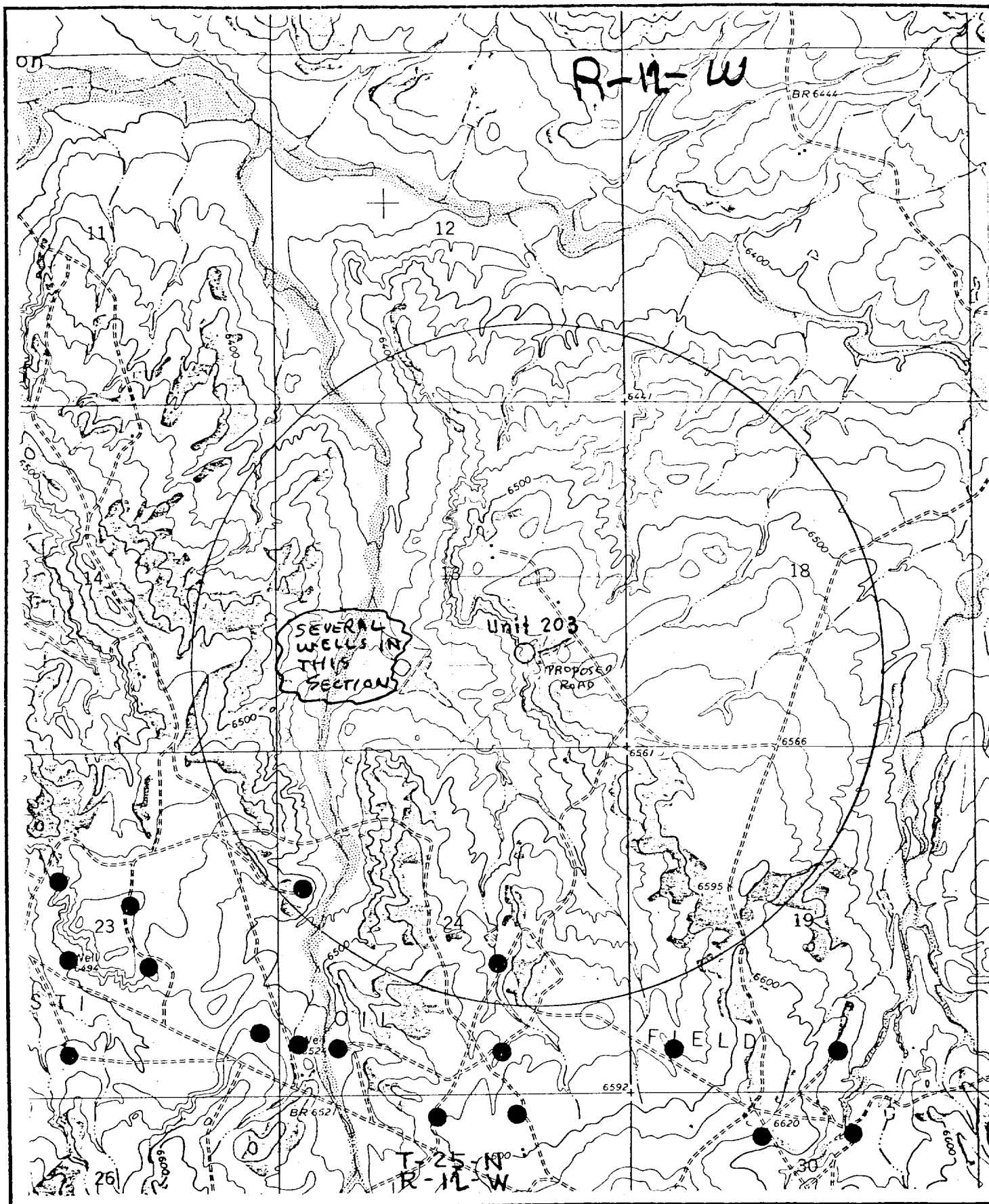
11-1-79

DATE

G. M. Jobe

G. M. JOBE

SUPERVISOR - REGULATORY PERMITS



TOPO & ROAD MAP-CARSON UNIT 203

ATTACHMENT A

DRAWN BY

CHECKED BY

DATE

SHELL OIL COMPANY
ROCKY MOUNTAIN OPERATIONS

SCALE 1"=2000'

APPR. BY

FILE NO.

DRILLING WELL PROGNOSIS

WELL NAME Carson Unit No. 203
TYPE WELL PDD
FIELD/AREA Nipp Pictured Cliffs/Bisti

APPROX. LOCATION (SUBJECT TO SURVEY) 1620' FSL & 1630 FEL Sec. 13, T25N, R12W
San Juan County, New Mexico

EST. G. L. ELEVATION 6397' PROJECTED TD 1290 OBJECTIVE Pictured Cliffs

HOLE SIZE	CASING PROGRAM	LOGGING PROGRAMS	MAX DEV.	DEPTHS AND FORMATION TOPS	SPECIAL INSTRUCTIONS
8 3/4"	7"			Surface Csg 120'	SAMPLES: 30': Surface casing to 1100' 10': 1100' to T.D.
6 1/4"	2 7/8" Tubing			Kirtland 280' (+6130')	CORES: None
				Farmington 660' (+5750')	DST's: None
				Fruitland 1160' Coal (+5250')	DEVIATION CONTROL If a survey is greater than 3° contact Division Drilling Superintendent.
				Pictured Cliffs 1210' (+5200')	CEMENT 7": *Class "B" w/2% CaCl ₂ , WOC 18 hrs. 2 7/8": *light, tail in w/50:50 pozmix, 2% gel * Circulate to Surface
				T.D. 1290	MUD 0-120': Spud Mud 120'-1160': Fresh Water, gel as needed 1160'-T.D.: Fresh Water, gel as needed, API filtrate less than 10 cc's.

ORIGINATOR: REO R. E. Opila

DATE 10/16/79
Revised

ATTACHMENT D

ENGINEERING APPROVAL: KFTQSD

PETROLEUM: TH R

OPERATIONS APPROVAL: JJ Smith

DATE 10/17/79

BOP SCHEMATIC

CARSON UNIT - 202 & 203

BISTI

