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**NEW MEXICO OIL CONSERVATION COMMISSION**  
**APPROVAL VALID**  
**FOR 90 DAYS UNLESS**  
**DRILLING COMMENCED,**

EXPIRES 9-10-80

30-095-24396  
 Form C-101  
 Revised 1-1-85

5A. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
5. State Oil & Gas Lease No. E-6516
7. Unit Agreement Name
8. Farm or Lease Name Keys Com
9. Well No. 1A 1E
10. Field and Pool, or Wildcat Basin Dakota
12. County San Juan
19. Proposed Depth 6470
19A. Formation Dakota
20. Rotary or C.T. Rotary
21. Elevations (Show whether DR, RT, etc.) 5680 Ungraded Ground
21A. Kind & Status Plug. Bond Blanket
21B. Drilling Contractor Not yet selected
22. Approx. Date Work will start July 15, 1980

**APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK**

1a. Type of Work b. Type of Well OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>
2. Name of Operator Texaco Inc. Attention: G. L. Eaton	
3. Address of Operator P. O. Box 2100, Denver, Colorado 80201	
4. Location of Well UNIT LETTER <u>F</u> LOCATED <u>1750</u> FEET FROM THE <u>North</u> LINE AND <u>1770</u> FEET FROM THE <u>West</u> LINE OF SEC. <u>32</u> TWP. <u>29N</u> RGE. <u>10W</u> NMPM	
21. Elevations (Show whether DR, RT, etc.) 5680 Ungraded Ground	
21A. Kind & Status Plug. Bond Blanket	
21B. Drilling Contractor Not yet selected	
22. Approx. Date Work will start July 15, 1980	

**PROPOSED CASING AND CEMENT PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	8-5/8"	24.0#	580'	Cement to surface.	
7-7/8"	4-1/2"	10.5#	6470'	Cement to surface.	

DV tool set 4500' below Mesaverde.

Propose to drill this development well to gain optimum gas recovery from the Dakota formation. Samples will be taken at 30' intervals from surface to TD. No cores or DST's are planned. Logs will be run from surface casing to TD. Propsective zones will be perforated and acidized. Blowout preventer equipment will be as indicated on the attached exhibit, and will be tested at regular intervals. Necessary steps will be taken to protect the environment. Any gas produced during the conduct of the above described work will be flared.

**ESTIMATED FORMATION TOPS**

Kirtland	580'	Mancos	4430'
Pictured Cliffs	1855'	Graneros	6245'
Mesaverde	3450'	Dakota	6285'



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 [Signature] Title District Superintendent Date June 10, 1980

(This space for State Use)

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT #3 DATE JUN 12 1980

CONDITIONS OF APPROVAL, IF ANY:

**NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
Supersedes C-128  
Effective 1-1-65

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

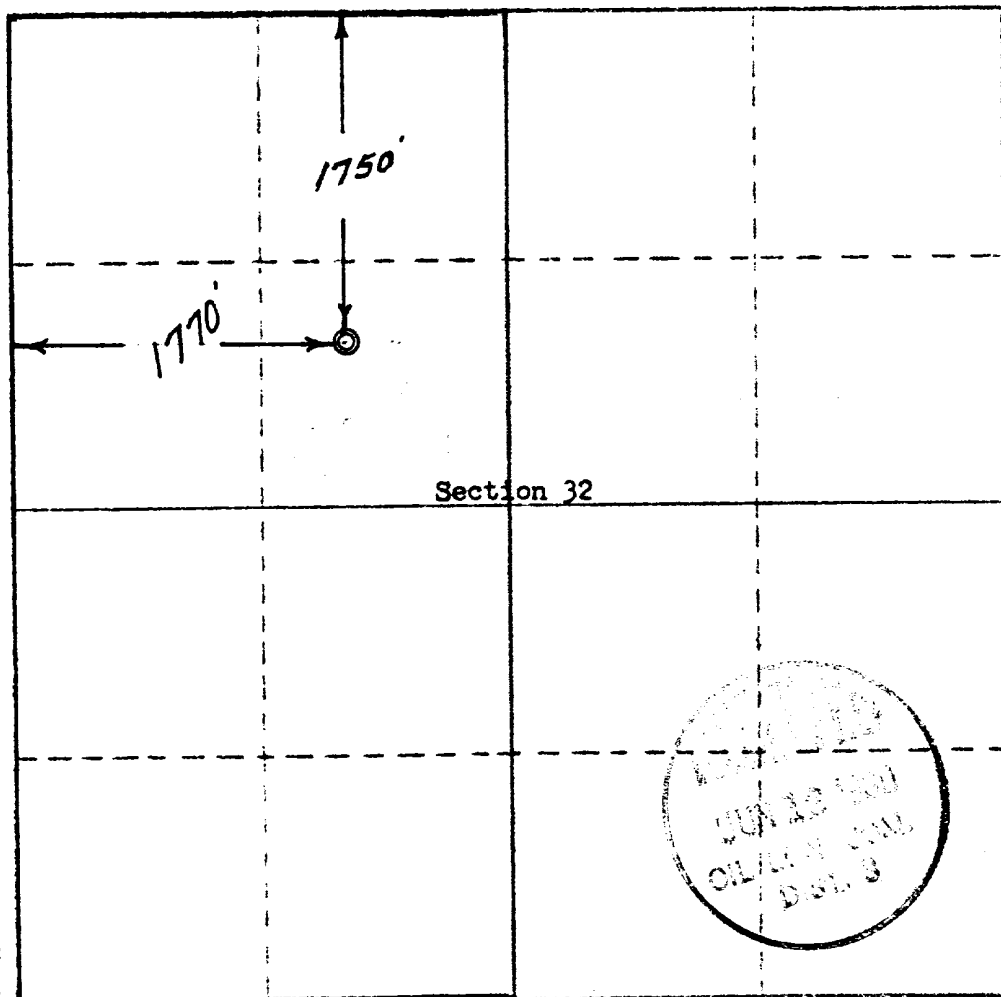
Operator <b>Texaco Inc.</b>		Lease <b>Keys Com.</b>		Well No. <b>1A</b>
Unit Letter <b>F</b>	Section <b>32</b>	Township <b>29 North</b>	Range <b>10 West</b>	County <b>San Juan</b>
Actual Footage Location of Well: <b>1750</b> feet from the <b>North</b> line and <b>1770</b> feet from the <b>West</b> line				
Ground Level Elev. <b>5706</b>	Producing Formation <b>Dakota</b>	Pool <b>Basin Dakota</b>	Dedicated Acreage: <b>W 160 370</b> 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 interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes    ☐ No    If answer is "yes," type of consolidation **Communitization**

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.

*G. L. Eaton*

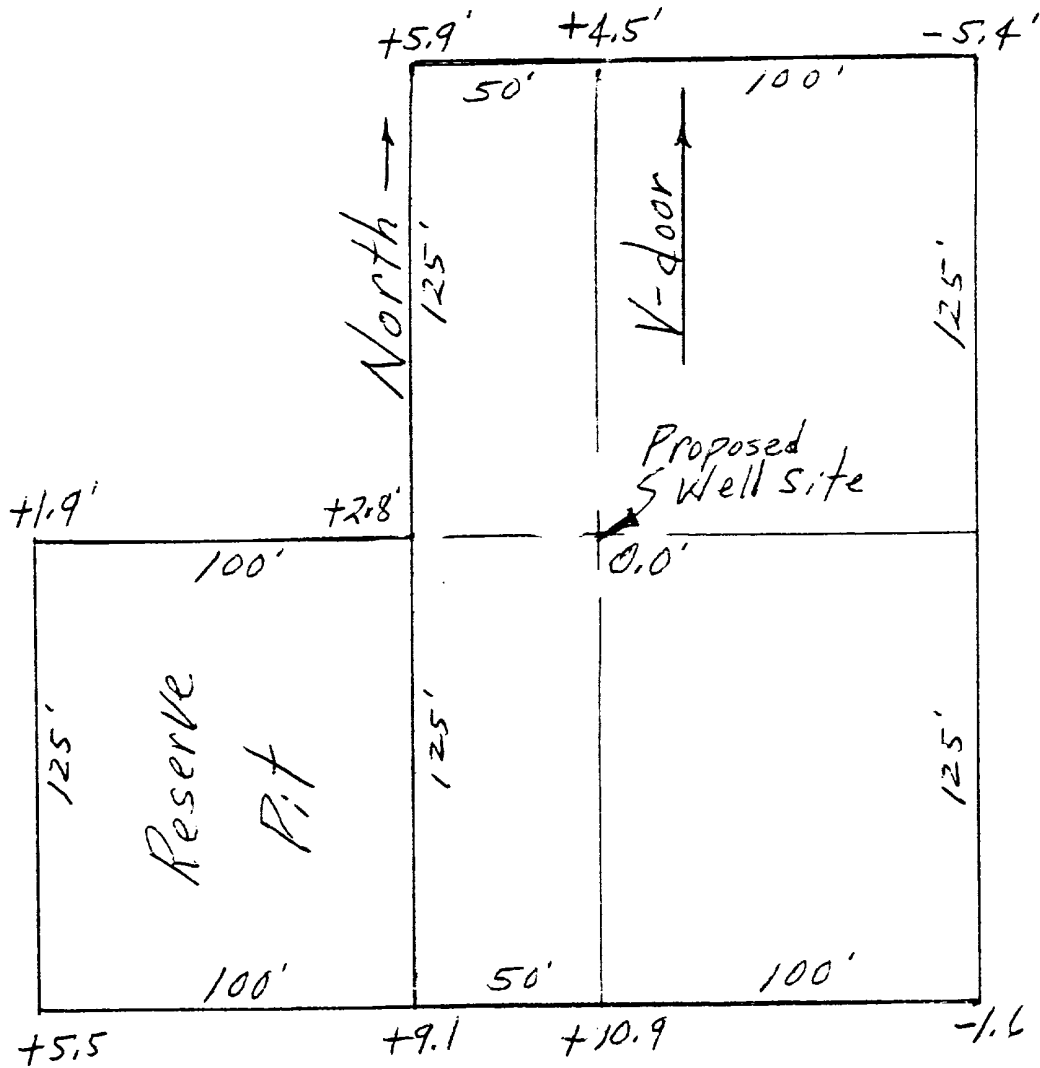
Name  
**G. L. Eaton**  
Position  
**District Superintendent**  
Company  
**TEXACO Inc.**  
Date  
**MAY 20 1980**

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 Survey  
**May 22 1980**  
Registered Professional Engineer  
and  
**3084**  
Certified  
**L. POTEET**  
**1684F NEW MEXICO**

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

Texaco Inc.  
 Keys Com 1A  
 1750' FNL & 1770' FWL, Sec. 32, T.29N.-R.10W.  
 San Juan County, New Mexico



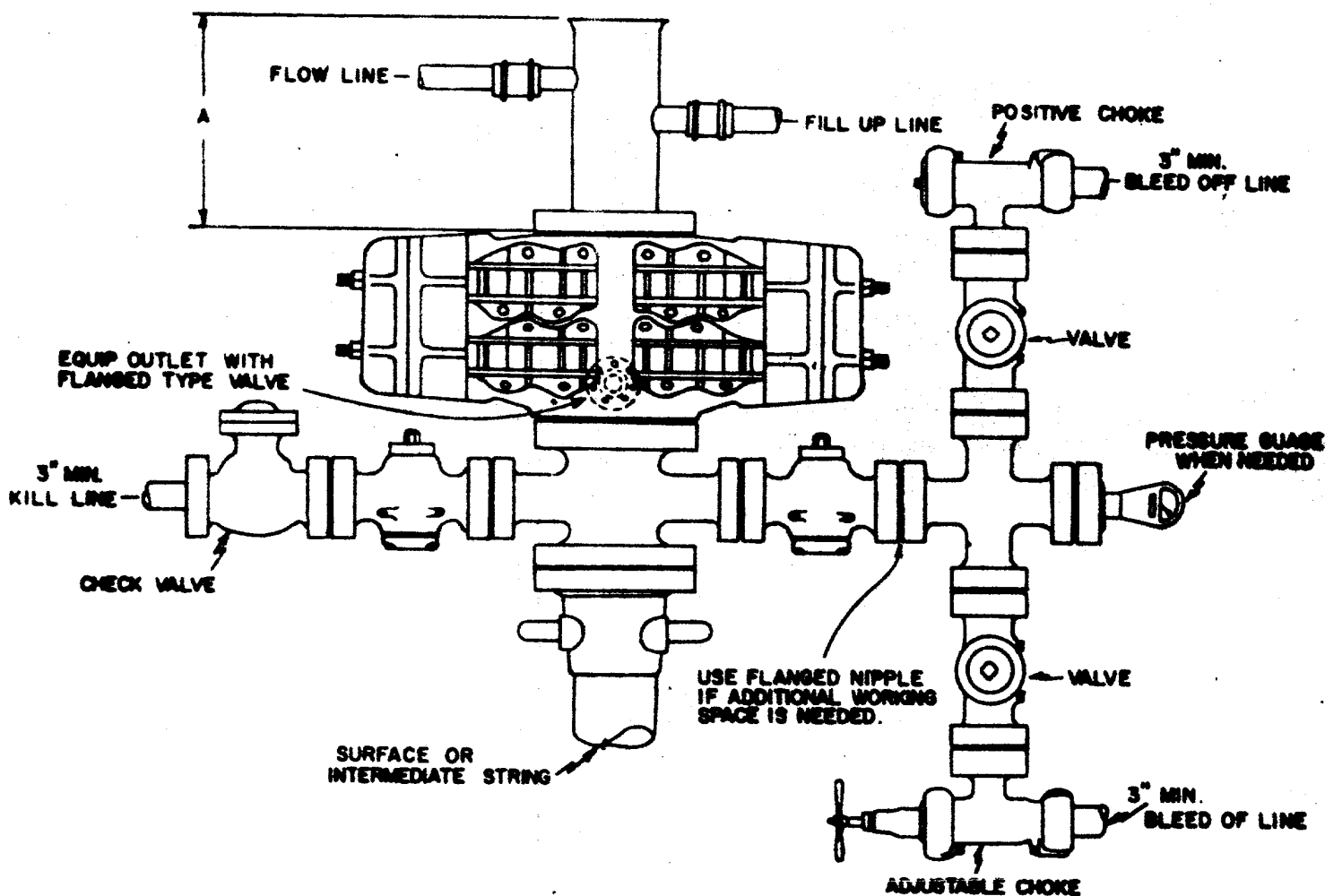
Certified  
 E. L. POTEET  
 P.E. & REGISTERED  
 S. N.M. 3084



Farming, New Mexico  
 May 29, 1980

**Minimum equipment requirements are:**

1. Blowout preventers must be capable of being operated both mechanically and hydraulically. Controls must be located so that the blowout preventer can be operated outside the drilling rig substructure. All steel tubing and connections must be used between the hydraulic controls and the blowout preventer.
2. Pressure rating of the blowout preventer and associated connections must be proportional to depth and pressure expectations. Use Figure 1 as a guide in unknown areas.
3. Distance "A" must be sufficient to accommodate a Hydril preventer if required.
4. Chokes, valves, manifold piping and kill line must be flanged and designed equal to or above the pressure rating of the blowout preventer.
5. Kelly cock must be used at all times and should be checked daily.



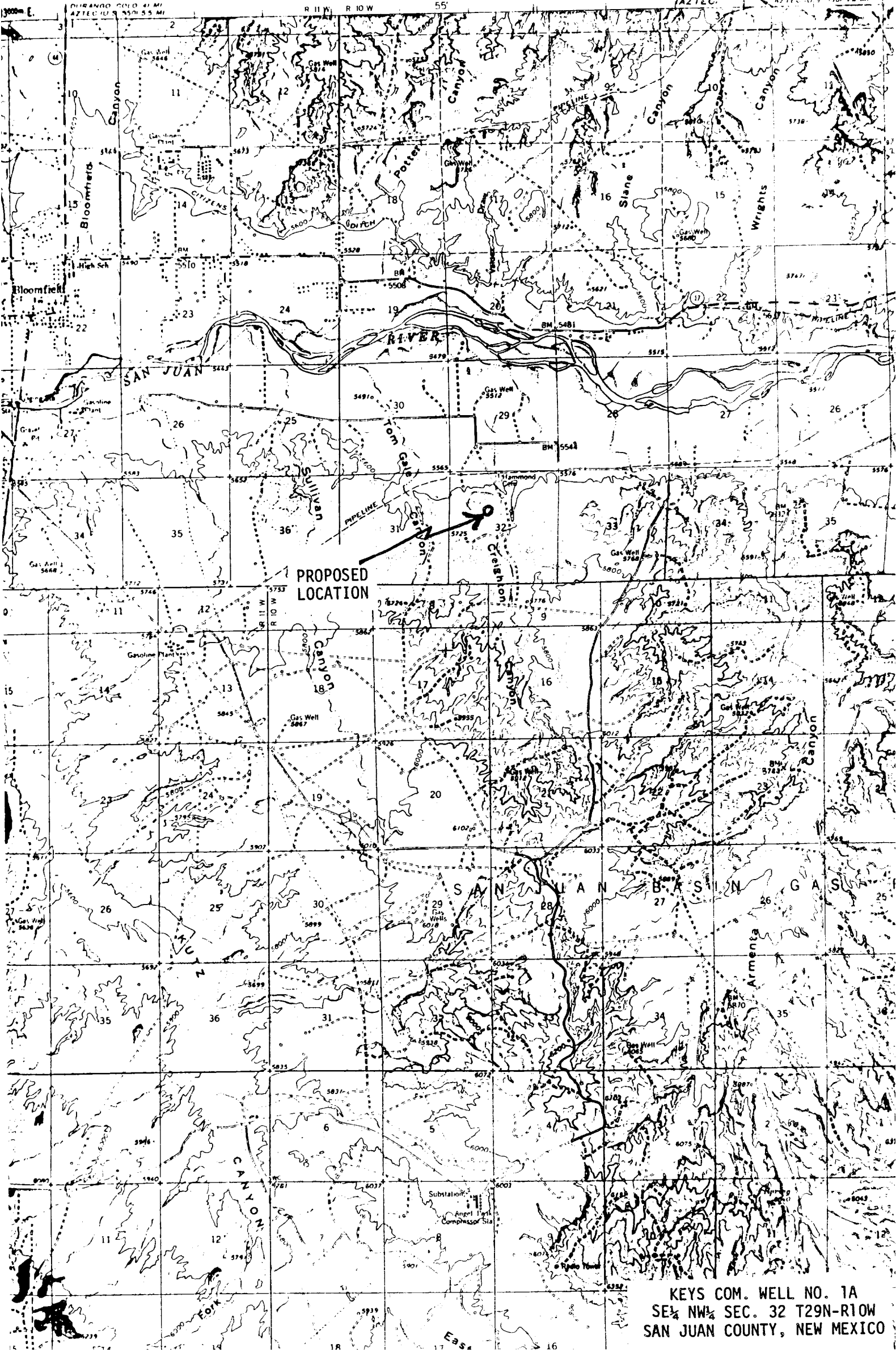
NOTE: BLOWOUT PREVENTER MUST HAVE DOUBLE RAMS, ONE BLIND & ONE PIPE RAM OR THE EQUIPMENT MUST CONSIST OF TWO BLOWOUT PREVENTERS, ONE EQUIPPED WITH BLIND RAMS & THE OTHER WITH PIPE RAMS. ALWAYS PLACE THE BLIND RAMS IN THE TOP PREVENTER.

APPROVED  
*[Signature]*

KEYS COM. WELL NO. 1A  
SE $\frac{1}{4}$  NW $\frac{1}{4}$  SEC. 32 T29N-R10W  
SAN JUAN COUNTY, NEW MEXICO

<b>TEXACO INC</b> DENVER, COLORADO	
<b>BLOWOUT PREVENTER ASSEMBLY STANDARD NO. 2</b>	
DRAWN BY J.B.D.	CHKD BY J.B.D.
DATE 11-5-61	FILE 444000
REVISED	RECAL. 2-10-62

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY



KEYS COM. WELL NO. 1A  
SE 1/4 NW 1/4 SEC. 32 T29N-R10W  
SAN JUAN COUNTY, NEW MEXICO